



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

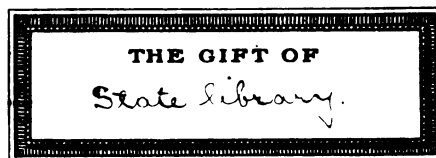
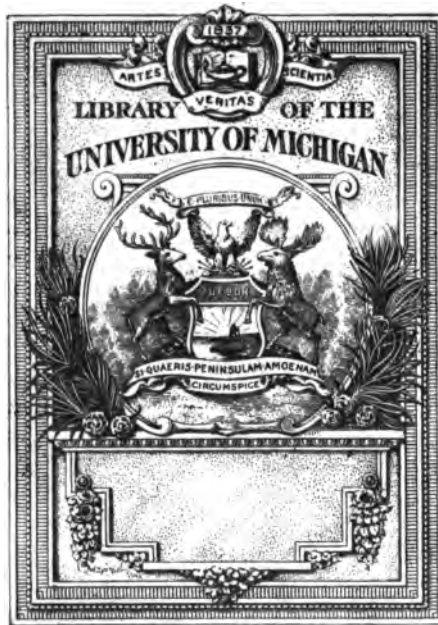
- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

B 1,080,848

REPORT
OF THE
STATE BOARD OF EDUCATION
OF
MICHIGAN
1914



h

162

.B62

SEVENTEENTH BIENNIAL REPORT

OF THE

STATE BOARD OF EDUCATION

OF THE

STATE OF MICHIGAN



FROM

JANUARY 1, 1913 TO DECEMBER 31, 1914 AND TREASURER'S
REPORT FROM JULY 1, 1912 TO JUNE 30, 1914.



BY AUTHORITY

LANSING, MICHIGAN
WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS
1914



LETTER OF TRANSMITTAL

STATE OF MICHIGAN
STATE BOARD OF EDUCATION,
Lansing, Dec. 31, 1914.

To the Honorable, The Legislature of Michigan:

GENTLEMEN—In compliance with the provisions of law, we have the honor herewith to transmit to you the biennial report of the State Board of Education, together with the accompanying documents for the years 1913 and 1914.

W. J. MCKONE, *President*,
FRANK CODY, *Vice President*,
FRED L. KEELER, *Secretary*,
THOMAS W. NADAL, *Treasurer*.

TABLE OF CONTENTS

REPORT OF STATE BOARD OF EDUCATION

	Page
Organization.....	7
Business transacted by Board.....	7
Certificates granted.....	8
Legislative Appropriations.....	9
Contracts.....	11
Michigan State Normal College.....	11
Central Michigan Normal School.....	11
Northern State Normal School.....	11
Western State Normal School.....	12

REPORTS OF PRESIDENTS

Michigan State Normal College:	
Enrollment.....	15
Graduates.....	16
Summer School.....	16
Extension and Correspondence Courses.....	17
Commercial Course.....	17
Student Welfare.....	17
Building Program.....	17
Generosity of the City of Ypsilanti.....	18
Needs of the College.....	18
Increase in Salaries.....	19
New Teachers.....	19
Additional Employees.....	20
Current Expenses.....	20
Increased Appropriation for Current Expenses.....	20
Special Repairs and Improvements.....	21
Special Needs.....	21
Suggested Legislation.....	22
Educational Standing of the Normal College.....	22
Faculty.....	23
Central Michigan Normal School:	
Grounds and Buildings.....	27
New Agriculture and General Science Building.....	28
Estimated Value of Buildings and Grounds.....	28
Courses of Study.....	28
Faculty.....	30
Attendance.....	31
Graduates.....	32
Library.....	33
Works of Art.....	33
Training School.....	34
Students' Loan Fund.....	35
Summer School.....	35
School Spirit and Social Life.....	36
Special Needs.....	37
Northern State Normal School:	
Grounds.....	39
Buildings.....	39
Attendance.....	41
Graduates.....	41
Faculty.....	41
Training School.....	43
Courses of Study.....	43
Social Life.....	45
Summer Session.....	45
New Features.....	46
Plan of Buildings.....	47
Special Needs.....	47
Outlook.....	48
Western State Normal School:	
Historical Sketch.....	49
Decennial Celebration.....	49
Growth of the School.....	50
Graduates.....	50

CONTENTS.

Western State Normal School—Continued:	Page
Resources of the School.....	50
Improvements Made.....	51
Growth of the Library.....	51
New Science Building.....	51
Normal Athletic Field.....	52
Courses of Study.....	52
Rural School Department.....	53
Normal Extension Course.....	53
Summer Term.....	54
Needs of the School.....	55
Faculty.....	56
Outlook.....	57
BUDGETS OF NEEDED APPROPRIATIONS	
Michigan State Normal College.....	61
Central Michigan Normal School.....	62
Northern State Normal School.....	63
Western State Normal School.....	64
REPORT OF TREASURER	67

REPORT OF STATE BOARD OF EDUCATION

Section 10 of Act 194 of the Laws of 1889 requires the State Board of Education to make to the Legislature, at every regular session thereof, a report setting forth:

First, The work done by the normal schools under its charge since the last report;

Second, The needs and requirements of the said normal schools;

Third, A report of the presidents of such schools concerning any matters pertaining to the schools that have been under their immediate direction and control, and such recommendations as they may deem desirable to make to the Board;

Fourth, A financial statement showing in detail the moneys received and expended, together with an itemized statement of receipts and expenditures.

In accordance with this act the State Board of Education has the honor of submitting this its seventeenth biennial report for the years 1913 and 1914.

The organization of the Board is as follows:

W. J. MCKONE, Albion, *President*,
FRANK CODY, Detroit, *Vice-President*,
FRED L. KEELER, Lansing, *Secretary*,
THOMAS W. NADAL, Olivet, *Treasurer*.

On November 15, 1913, Luther L. Wright resigned as Superintendent of Public Instruction and Secretary of the State Board of Education and Governor Woodbridge N. Ferris appointed Fred L. Keeler to fill the vacancy.

During the past two years the Board has held meetings at least twice a month owing to a pressure of work occasioned by the unusual amount of building in progress at the several normal schools. The work of the Board has been letting contracts, supervising building, auditing accounts, employing new members of the several faculties, granting certificates and in other ways supplying the needs and requirements of the normal school system.

The new plan for the training of special teachers has been put in operation and the State Normal College at Ypsilanti will train teachers in domestic science, the Central Michigan Normal School at Mt. Pleasant will train teachers in agriculture and the Western State Normal School at Kalamazoo will train teachers in manual training. Each normal school will grant diplomas and certificates to those graduating from these special courses. While this will not curtail the usefulness of

the other departments already organized in the normal schools, the new plan will insure by this concentration of effort, greater uniformity and thorough technical training for the special teachers.

One of the main features of the normal school system is the summer school. The attendance at these summer schools is greater than at any time during the regular year. We believe that the normal school plant should be in operation during the whole year and thus give teachers who are employed during the school year an opportunity to enjoy the advantages to be secured at these institutions.

During the past two years, the Board has granted certificates as follows:

State Life Certificates granted upon examination.....	18
Normal School Certificates	2,992
College Certificates	554
College Life Certificates	133
Certificates indorsed from other states.....	44

DEGREES CONFERRED

M. Pd.	13
A. B.	26
B. Pd.	73

LEGISLATIVE APPROPRIATIONS

The needs of the four state normal schools which are under the care and control of the State Board of Education, were provided for by the Legislature of 1913 as follows:

MICHIGAN STATE NORMAL COLLEGE

	Fiscal year 1914.	Fiscal year 1915.
Current Expenses, Sec. 1, Act 204, 1913.....	\$185,000	\$185,000
Requisitions drawn by 1-12.....	\$15,416 66	
Special Appropriations, Sec. 2, Act 204, 1913	15,000 00	
For general repairs.....	7,500	7,500
Special Appropriations, Sec. 3, Act 204, 1913		
For the purchase of additional land and for the construction of an auditorium and conservatory	\$150,000 00	
For the gradual wrecking, enlarging and rebuilding of the main building.....	407,000 00	
For a men's gymnasium.....	35,000 00	
For an addition to the training school..	50,000 00	
For a domestic science building.....	45,000 00	
For the purchase of a suitable cottage for a school infirmary.....	3,500 00	
For enlarging the plant house.....	1,000 00	
For two boilers.....	4,500 00	
For installing a lighting plant.....	4,000 00	
	<u>\$700,000 00</u>	

To be available as follows:

\$100,000 in 1914; \$100,000 in 1915; \$100,000 in 1916;
\$100,000 in 1917; \$100,000 in 1918; \$100,000 in 1919;
\$100,000 in 1920.

CENTRAL MICHIGAN NORMAL SCHOOL

Current Expenses, Sec. 1, Act 192, 1913.....	\$90,000	\$90,000
Requisitions drawn by 1-12.....	\$7,500 00	
Special Appropriations, Sec. 2, Act 192, 1913	101,000 00	
For agriculture and general science building.....	70,000	
For enlarging present heating and power plant, in- stalling two new boilers, exchanging present en- gine and dynamo for an outfit of greater power and capacity and connecting proposed general science building by means of conduits with heat- ing and power plant and putting in necessary radiation and ventilation apparatus.....	15,000	
For equipping agriculture and general science building	15,000	
For building two fire escapes.....	1,000	

NORTHERN STATE NORMAL SCHOOL

Current Expenses, Sec. 1, Art 203, 1913.....	\$56,430	\$56,430
Requisitions drawn by 1-12.....	\$4,702 50	
Special Appropriations, Sec. 2, Act 203, 1913	160,000 00	
For erecting a main building to connect the wings already built.....	150,000 00	
For furnishing and equipping same.....	10,000 00	
	85,000	75,000

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL

Current Expenses, Sec. 1, Act 190, 1913.....	\$110,000	\$110,000
Requisitions drawn by 1-12.....	\$9,166 66	
Special Appropriations, Sec. 2, Act 190, 1913	134,500 00	
For erection of a science building.....	\$75,000	
For manual training equipment.....	5,000	
For tinting walls.....	500	
For ventilating system for main building.....	4,000	
For erection of central heating plant.....	40,000	

CONTRACTS

MICHIGAN STATE NORMAL COLLEGE

May 31, 1913, for coal, Ohio & Michigan Coal Co., Detroit, price per ton	\$3 05
Aug. 29, 1913, for building gymnasium, A. R. Cole Co., Ann Arbor	27,677 00
Jan. 16, 1914, for electrical work for gymnasium, S. H. Kittridge, Ann Arbor	500 00
Feb. 21, 1914, for building auditorium, H. V. Snyder & Son, Battle Creek	102,000 00
Feb. 21, 1914, for heating and ventilating gymnasium, O. A. Hankinson, Kalamazoo	7,835 24
Feb. 21, 1914, for electrical work for auditorium, Electrical Equipment Co., Lansing	1,895 00
Feb. 21, 1914, for electric freight elevator, Haughton Ele- vator & Machine Co., Toledo, O.	1,500 00
March 6, 1914, for cement for basement of auditorium, A. R. Cole Co., Ann Arbor, price per foot.....	12
May 23, 1914, for additions to auditorium, H. V. Snyder & Son, Battle Creek	11,500 00
May 26, 1914, for coal, Jewett, Bigelow & Brooks, Detroit, price per ton	3 00
July 21, 1914, for changes in heating auditorium, O. A. Hankinson, Kalamazoo	471 60
July 21, 1914, for additional wiring for auditorium, Elec- trical Equipment Co., Lansing	135 00
July 21, 1914, for seating auditorium, American Seating Co., Grand Rapids, price per seat	2 35

CENTRAL MICHIGAN NORMAL SCHOOL

May 31, 1913, for coal, Ohio & Michigan Coal Co., Detroit, price per ton	\$3 50
Dec. 31, 1913, for constructing science building, Hoertz & Son, Grand Rapids	68,180 00
Jan. 31, 1914, for printing year book, Ihling Bros. Everard Co., Kalamazoo	265 00
May 23, 1914, for plumbing and heating in science build- ing, Wheeler-Blaney Co., Kalamazoo	14,394 00
May 26, 1914, for coal, Jewett, Bigelow & Brooks, Detroit, price per ton	2 45

NORTHERN STATE NORMAL SCHOOL

April 26, 1913, for coal, James Pickands & Son, Marquette, price per ton	\$4 90
Aug. 29, 1913, for construction of administration building, Herman Gundlach, Houghton. (Subject to reductions	

STATE OF MICHIGAN

to be made by architect and contractor)	\$136,975 00
Oct. 31, 1913, for installing plumbing system in administration building, Swanson Bros., Negaunee	3,448 28
Nov. 28, 1913, for printing year book, Mining Journal Co., Ltd., Marquette, price per page	2 50
Mar. 27, 1914, for heating and ventilating administration building and work in power house, Peninsula Heating & Plumbing Co., Laurium	10,440 00
May 26, 1914, for coal, F. B. Spear & Sons, Marquette, price per ton	5 25

WESTERN STATE NORMAL SCHOOL

May 31, 1913, for coal, Ohio & Michigan Coal Co., Detroit, price per ton	\$3 30
Dec. 31, 1913, for construction of science building, Henry L. VanderHorst, Kalamazoo	65,500 00
May 26, 1914, for coal, Jewett, Bigelow & Brooks, Detroit, price per ton	3 25
July 2, 1914, for installing plumbing and heating in science building, Wheeler-Blaney Co., Kalamazoo	9,500 00
Sept. 5, 1914, for steam fitting, plumbing and electrical work for power house, Wheeler-Blaney Co., Kalamazoo..	10,700 00
Sept. 5, 1914 for building chimney, Alphonse Custodis Chimney Construction Co., New York	3,600 00
Sept. 18, 1914, for constructing power house and tunnels, Henry L. VanderHorst, Kalamazoo	13,250 00
Sept. 18, 1914, for Three 150 H. P. boilers, McNaul Boiler Mfg. Co., Toledo, O.	5,925 00

REPORTS OF PRESIDENTS

MICHIGAN STATE NORMAL COLLEGE

YPISILANTI

To the Honorable, the State Board of Education:

Gentlemen:—I have the honor of submitting herewith my report for the Michigan State Normal College for the biennial period closing June 30, 1914.

Having now been for two years head of the institution I feel that I am qualified to speak more advisedly concerning its character, condition and needs than I was when I made the report of the preceding biennial period, since at that time I had been connected with the institution but a few weeks.

ENROLLMENT

The enrollment of the Normal College department during the past two years has not varied materially from the attendance for the preceding biennial period. The attendance is all and more than can be advantageously accommodated by the present plant. The student body is drawn from the entire state, all but four counties being represented during the biennial period. Besides Michigan, twenty-one states and Canada contributed students. The attendance in the training school, which includes the kindergarten, eight elementary grades and a four-year high school, has been all that our buildings could care for. It is hoped that in the near future a new high school building will be erected which will enable the College to extend its work and care for more students in that department, thus making more efficient its training of high school teachers, for which there is a demand far beyond the ability of the college to meet. The following table gives the enrollment by years:

Enrollment for biennial period—

Summer school 1912	1,507
Regular year 1912-1913	1,577
Training school	578
<hr/>	
Total	3,671
Summer school 1913	1,440
Regular year 1913-1914	1,572
Training school	582
<hr/>	
Total	3,594

GRADUATES

During the two academic years, 1912-13 and 1913-14, 1,577 were graduated from the College. This number is unprecedented. The three other normal schools together graduated about the same number. One unacquainted with the rapidly changing character of the teaching body might think that there would not be a demand in Michigan for such an output of teachers. It must be borne in mind, however, that approximately one-fourth of the more than 18,500 teachers in Michigan are beginners every year, so there is a yearly demand in our state of upwards of 4,500 teachers. The normal schools of the state, county normals, state university, and colleges combined are not training enough teachers to care for the schools of Michigan. Every available graduate of the Normal College in any particular year is in service before the next class is graduated. The graduates of the College are found in every department of teaching from the country schools to the superintendencies of our cities. The following table gives the graduates by years:

Graduates for biennial period—

	1912-13
M. Pd.	5
A. B.	11
B. Pd.	36
Life	576
Graded	114
Rural	13
Conservatory	21
Total	776
	1913-14
M. Pd.	8
A. B.	15
B. Pd.	37
Life	619
Graded	103
Rural	8
Special	1
Conservatory	18
Total	809

SUMMER SCHOOLS

Because of the fact that the training schools of the state are not graduating enough teachers to meet the demand, every year a large number of young people quite unprepared both in academic knowledge and method of teaching enter the profession. For the sake of the educational interests of the state, the state should do something to improve the scholarship and teaching ability of these teachers. With this end in view summer schools have been established at the normal schools and at the university. More and more teachers in service are coming to these summer schools for new ideas and inspiration for their

work; 2,955 students were enrolled at the Normal College during the summer schools of 1912 and 1913, an average of 1,477 for each of the two summers.

EXTENSION AND CORRESPONDENCE COURSES

But the state should do more than offer opportunities for study during the summer. It should by means of extension courses and correspondence courses carry the normal schools to the teachers in service throughout the year. The remarkable success of correspondence schools, whether connected with universities or independent of universities, proves that there is a great demand on the part of teachers for such help. The Western State Normal School has for several years carried on correspondence and extension work without any financial assistance from the state. During the past two years the Normal College has had extension classes in Bay City and several requests for such classes have come from other localities. The time is come when the state should provide for the organization and support of extension courses and correspondence courses in connection with the normal schools. It is to be hoped that the next legislature will make provision for extending in this direction the usefulness of the normal schools.

COMMERCIAL COURSE

In 1913 the Board of Education decided to undertake through the normal schools the training of commercial teachers for the high schools of the state. In order to save the state the expenses of teaching the commercial phases of the courses, the normal schools were authorized to accept credits from commercial schools approved by the Board. The Board has approved the Ferris Institute, Cleary Business College, Detroit Business Institute, and Detroit Business University. The establishment of the course for commercial teachers was a wise move. During the past year thirty-one have enrolled in the course.

STUDENT WELFARE

I am pleased to be able to say that the effort to maintain hearty co-operation between the faculty of the college and the students to the end of advancing the welfare of the students has been gratifyingly successful. The Students' Council and the Women's Council referred to in my last report have been in operation two years and have proved to be helpful organizations. The rules regulating the rooming houses and the social life of the students have been heartily approved by the women of the city who take students to room and by the students themselves. The success of the social rules is another evidence that American young womanhood and young manhood may be counted on always to respond to high ideals.

BUILDING PROGRAM

The last legislature with a single dissenting vote made provision for a building program which should extend through seven or eight years. The action was taken after a thorough investigation of the situation at

the college, between twenty-five and thirty members of the legislature visiting Ypsilanti.

The building program included the rebuilding of a part or all of the main building and an enlarging of the same, an auditorium and conservatory, a men's gymnasium, a domestic science building, a high school addition to the training school, a hospital, and a plant house.

A good beginning on the building program has been made. A men's gymnasium costing \$35,000 and a plant house costing \$1,000 are completed and in use. Of the \$150,000 appropriated for the auditorium, approximately \$15,000 was paid for a site, leaving about \$135,000 available for the building. The building will be completed in March, 1915. It will seat about two thousand. Its opening is eagerly looked forward to by the college since for more than a decade Normal Hall has been inadequate to hold the student body.

The last legislature made an appropriation of \$3,500 for a school hospital. One of the houses on the site bought for the auditorium was found to be suited to the purpose, and has been fitted up and is now in use. It will add greatly to the welfare of the students.

Plans for other buildings are under way. When the program is completed the College will have a plant fairly modernized and adequate to its needs.

THE GENEROSITY OF THE CITY OF YPSILANTI

I question whether any city in Michigan of the size of Ypsilanti in which a state institution is located has done more for its state institution than Ypsilanti has done for the Normal College. With the exception of the auditorium site, practically all of the land owned by the State of Michigan in Ypsilanti has been contributed by the citizens of Ypsilanti or by the city itself. On three separate occasions when the legislature appropriated money for buildings (the gymnasium, training school and science hall), but not sufficient money for the purchase of suitable sites, Ypsilanti has donated sites for the buildings. The last gift of the public spirited citizens of Ypsilanti was about thirty acres of farm land lying to the northwest of the college campus suitable for a park and garden.

The city is to continue its generosity by purchasing four residences and a store on Cross Street, which screen the auditorium from Cross Street, along which passes the interurban railway from Detroit to Kalamazoo. Two residences have already been purchased. The ground when cleared will be kept for a park. This park will make a beautiful and fitting surrounding to the new auditorium. The total cost to the city will be at least \$20,000.

THE NEEDS OF THE COLLEGE

The needs of the College may be discussed under four heads: Increase in salaries, additional teachers and employes, current expense, and special repairs and improvements.

INCREASE IN SALARIES

During the last decade there has been a steady increase in the cost of living and a corresponding rise in salaries in all classes and grades of employment. The salaries of teachers have increased correspondingly. In seventy-five cities of Michigan, taken at random, paying principals and superintendents from \$550 upwards, the average increase of salary of principals and superintendents for the biennial period 1911 to 1913 was eleven and one-half per cent. For the year 1914-1915 there have been many notable increases in salaries of superintendents but the data for the entire state are not available. In only three cities of the one hundred investigated was there a decrease in the salary of the superintendent and in each instance the decrease was due to the changing of superintendents and the coming in of a younger and less experienced man.

The salaries at the Normal College have not been increased proportionately to the general rise in cost of living and of salaries throughout the state. During the present year one of our teachers receiving a salary of a thousand dollars resigned and we found it impossible to fill her place with a teacher of equal ability for less than twelve hundred dollars.

In view of the nation wide advance in salaries it is but justice that the men and women of the normal schools of Michigan should receive a reasonable increase in compensation. An average of five per cent increase on our present salary schedule would enable the College to deal fairly with teachers and employees who have not had an increase in salary during recent years. Five per cent of our salary schedule is approximately \$9,000.

NEW TEACHERS

The College is in need of additional teachers in the departments of history, geography, psychology, music, drawing and household arts. For years the department of history has been unable to meet the demands made upon it. Students have been denied admittance to the department on account of the crowded condition of the classes, while at the same time the department has been unable to offer certain courses which it is very important that it should give. The geography department has been getting on with inexperienced student assistants, changing frequently, because of lack of funds. The classes in psychology and pedagogy are every term too large for effective work and the same is true of the classes in public school music. It has been the hope and expectation of the College to extend the work in drawing to meet the increased demand of the public school system of the state. To do so will require the addition of another teacher.

For several years the duties of the Dean of Women and the directorship of the Department of Household Arts have been administered by the same person, but with necessary loss of efficiency in both departments. No greater responsibility rests upon the College than that of the welfare of the twelve hundred young women who are in attendance as students in preparation for teaching. Clearly their welfare demands the full time and attention of the Dean of Women. It must also be

noted that the course in household arts has been lengthened from two to three years, thus increasing by one-half the work in that department. For this reason it is no longer possible for one woman to meet the demands of the Deanship of Women and also the headship of the Department of Household Arts.

The salaries of the six new teachers would aggregate approximately \$10,000.00, an average of \$1,600.00.

ADDITIONAL EMPLOYEES

During the last year the College erected a men's gymnasium and by March, 1915, the auditorium will be in use. The care of these two buildings will make necessary the employment of one more janitor at \$700. The care of our plant house and garden together with the care of the lawns, trees and shrubbery of the campus demands an experienced gardener. The salary of a gardener is estimated at \$1,500.00.

CURRENT EXPENSES

The income of the College for current expenses should be increased by \$7,000. Our buildings are old and the necessary yearly repairs extensive. The plumbing is constantly giving out. Much of the furniture is old and should be gradually replaced. Nearly all of our laboratories should have considerable increase in apparatus and nearly all departments need illustrative material. The library is greatly in need of additional funds for books. With the two new buildings in use the bills for fuel and lighting will be considerably increased.

Fifteen hundred dollars should be spent for each of the two years of the biennial period on the campus. The trees need attention, a large part of the walks must be rebuilt and new ones laid out. Grading, sodding and planting must be done about the auditorium and new gymnasium. For years the campus has been neglected because of lack of money and the time has come when it should be given attention. An increase of \$7,000 for current expenses will do much to renew the equipment and care for the campus.

INCREASED APPROPRIATION FOR CURRENT EXPENSES

The annual income of the College for the past two years outside of the legislative appropriation was \$33,140.22, derived from tuition fees, diploma fees, laboratory fees, interest on the land grant and bank deposits. The legislative appropriation for current expenses is \$185,000.00 annually for the present biennial period.

The estimated needs of the College for the next biennial period totals \$249,796.65 annually. Estimating that the income from fees and interest will be the same as for the past two years, the budget calls for an annual legislative appropriation of \$216,656.00, an increase of \$31,656.00. I realize that with the demands of other institutions and other state interests and the necessity of keeping taxation within reasonable limits, it is altogether unlikely that the legislature would feel warranted in making so large an increase in our annual income, but I feel sure that the service which the Normal College is rendering the state and its evident needs warrant the board in asking the legislature for

an increase in the annual appropriation for current expenses of \$25,000.00, making a total of \$210,000.00.

SPECIAL REPAIRS AND IMPROVEMENTS

In addition to the appropriations for current expenses the legislature has biennially made appropriations for special repairs and replacements. The last legislature appropriated \$7,500.00 for each of the two years of the biennial period which enabled the College to install radiation in the training school and science hall, paint the exterior and decorate the interior of the training school, add steel ceilings and in some rooms new floors, and paint the gymnasium.

SPECIAL NEEDS

The special needs for the coming biennial period are the following:

Rebuilding steps to the women's gymnasium, renovating the basement, laying a new floor, installing showers, dressing rooms and lockers.....	\$ 20,000 00
New pipe organ	15,000 00
Athletic field	7,000 00
Tank and filter for men's gymnasium.....	17,000 00
Repairing and seating of training school chapel....	1,500 00
Total	<u>\$60,500 00</u>

The old gymnasium was built twenty-five years ago. As is usual the lockers, dressing rooms, showers and tanks are in the basement. The floor of the basement and the linings of the pools are made of ordinary concrete. The partitions for the showers were of southern pine and the lockers of wood. During the twenty-five years the floors have become broken and have been repeatedly patched, as have also the linings of the pools. The pine partitions of the showers have rotted, and most of the showers are out of commission. The entire basement of the old gymnasium will now be used exclusively by the women, as the new men's gymnasium is completed, and should be completely renovated. The wooden steps to the gymnasium are giving out and should be replaced by a concrete structure. The cost of the new floors, linings to pools, plumbing, showers, lighting, lockers, dressing rooms, and steps will be about \$20,000.00. It must be remembered that there are on the average over twelve hundred women in the College to provide accommodations for.

Pipe Organ

There is in Normal Hall a small pipe organ which has been in use thirty-five years. It is altogether too small, too worn out and generally out of date to be installed in the new auditorium. A pipe organ adequate to the new auditorium would cost not less than \$15,000.00. Our present organ could be kept and used for practice purposes by the students of the conservatory.

Athletic Field

The College has no suitable athletic field. It has a few detached pieces of ground on which are located tennis courts, a base ball field and a foot ball field. Some of these detached pieces will soon be occupied by buildings. No one will question that the College should furnish suitable opportunity for outdoor recreation for its fifteen hundred students. Seven thousand dollars would purchase sufficient acreage to secure the College adequate campus for all future time.

Tank and Filter for Men's Gymnasium

The old gymnasium in the future will be used exclusively by the women and the two small swimming tanks are in the basement of the old gymnasium. A tank should be installed in the men's gymnasium. In connection with it there should be a filter. A filter would save fuel for heating the water for the pools as the same water could be used almost indefinitely. It requires but a few hours to filter the water and turn it into the pool as fresh as at first. In the second place, the city water in Ypsilanti is charged with iron and leaves an iron stain on pools, wash bowls and everything else it is allowed to remain in. Our old tanks are unsightly because of this stain. The expense of keeping a tank clean by the use of acids would be considerable and it would be economy to use a filter which would remove the iron from the water.

Training School Chapel

The chapel of the training school needs a new floor and the ceiling needs repairing. It also needs retinting and reseating.

SUGGESTED LEGISLATION

Inasmuch as these repairs and improvements are needed at once and as unquestionably the legislature will feel unable to give any large amount for special repairs in view of the appropriation for building which the College is receiving, I suggest that these repairs be taken out of the \$700,000.00 appropriated to the College for building purposes. This would necessitate a slight amendment to the original appropriation bill putting the expenditure of the building funds within the discretion of the Board.

EDUCATIONAL STANDING OF THE NORMAL COLLEGE

Before coming to the Normal College I frequently heard it remarked by educators that in respect of the scholarship and productive activity of its faculty, and the general character of its courses, the Michigan State Normal College was unsurpassed by any institution of its kind in the United States. This assuredly was my opinion. On coming to know the faculty and institution as only the executive head can know them, I am pleased to say that it is my conviction that the reputation of the College is well merited.

It should be the purpose of Michigan, and I believe it is, to maintain the high standard which the College has attained. To do so in this day

of rapid educational advancement will be no easy task. Civilization is expensive. High grade educational institutions cost money, but experience has proved that no financial outlay yields such large returns to an individual, a state or a nation as expenditures for education. The history of Germany is convincing proof of this statement.

FACULTY

The following is the faculty roster for 1913-1914:

Chas. McKenny, LL. D., President.

HEADS OF DEPARTMENTS

Julia Anne King, A. M., M. Pd., Professor Emeritus of History.
Edwin A. Strong, A. M., Professor of Physical Sciences.
Florus A. Barbour, A. B., Professor of English.
Benjamin L. D'Ooge, A. M., Ph. D., Professor of Ancient Languages.
William H. Sherzer, M. S., Ph. D., Professor of Natural Sciences.
Charles O. Hoyt, Ph. D., Professor of Philosophy and Education.
Elmer A. Lyman, A. B., Professor of Mathematics.
Samuel B. Laird, A. M., Professor of Advanced Psychology and Logic.
Dimon H. Roberts, A. M., Superintendent of Training School.
Mark Jefferson, A. M., Professor of Geography.
Richard Clyde Ford, Ph. D., Professor of Modern Languages.
J. Stuart Lathers, A. B., Professor of Reading and Oratory.
Wilbur P. Bowen, M. S., B. Pd., Professor of Physical Education.
Nathan A. Harvey, Ph. D., Professor of Pedagogy.
Frederick Alexander, A. B., Director of the Conservatory of Music.
Grace Fuller, Dean of Women and Head of Household Arts Department.
Carl E. Pray, A. M., Professor of History.
L. H. Jones, LL. D., Resident Lecturer.

PROFESSORS

Frederick R. Gorton, Ph. D., Professor Physics.
B. W. Peet, M. S., Professor of Chemistry.
Henry C. Lott, A. M., M. Pd., Professor of Psychology.

ASSOCIATE PROFESSORS

Horace Z. Wilbur, Associate Professor of Philosophy and Education.
Fannie Cheever Burton, M. Pd., Associate Professor of Physical Education.
Jessie Phelps, M. S., Associate Professor of Physiology.
Abigail Pearce, Ph. B., B. Pd., Associate Professor of English.
Mary B. Putnum, Ph. M., M. Pd., Associate Professor of Political Economy.

ASSISTANT PROFESSORS

Webster H. Pearce, A. M., Assistant Professor of Mathematics.
John P. Everett, A. M., Assistant Professor of Mathematics.

Frederick B. McKay, A. B., Assistant Professor of Reading and Oratory.

Mary A. Goddard, B. S., Assistant Professor of Botany.

Alma Blount, Ph. D., Assistant Professor of English.

Bertram G. Smith, Ph. D., Assistant Professor of Zoology.

Clyde E. Foster, Assistant Professor of Music and Supervisor of Public School Music.

Estelle Downing, A. M., Assistant Professor of English.

Orland O. Norris, A. B., Assistant Professor of Ancient Languages.

Emelyn E. Gardner, A. B., Assistant Professor of English.

INSTRUCTORS

Helen B. Muir, M. Pd., Instructor in Latin and Greek.

Ada A. Norton, Ph. M., Instructor in Mathematics.

Florence Shultes, B. Pd., Instructor in History.

Bertha G. Buell, A. M., Instructor in History.

Bertha Goodison, Instructor in Art.

Lota H. Garner, Instructor in Art.

Ida B. P. Fleischer, Ph. D., Instructor in Modern Languages.

H. Ethel Childs, Instructor in Art.

Edith E. Adams, M. Pd., Instructor in Kindergarten Theory.

Alice I. Boardman, Instructor in Manual Training.

C. M. Elliott, A. B., Instructor in Psychology.

Martha H. French, Instructor in Household Arts.

Frederick G. Beyermann, Instructor in Physical Education.

Edith Blackman, B. S., Instructor in Household Arts.

Harriet MacKenzie, A. B., Instructor in English.

Alice M. Lowden, Instructor in Music.

Lida Clark, Instructor in Art.

Vida Collins, A. M., Instructor in English.

Alice Bivens, Instructor in Music.

Elizabeth Carey, A. M., Instructor in English.

ASSISTANTS

Irene O. Clark, B. Pd., Assistant in Physical Education.

Jane L. Matteson, A. B., Assistant in Mathematics.

*Johanna Alpermann, A. B., Assistant in Modern Languages.

Ida G. Hintz, B. Pd., Assistant in Reading.

*Estabrook Rankin, Assistant in English.

Mary E. Hatton, Assistant in Manual Training.

Elinor Strafer, Assistant in Drawing.

Bly Quigley, A. B., Assistant in Physical Education.

Meta C. Daniel, Assistant in Natural Science.

Inez Rutherford, Assistant in Household Arts.

Mabel A. Guenther, Assistant in Household Arts.

Genevieve Clark, B. Pd., A. B., Assistant in Geography.

Madge Quigley, Assistant in Music.

Carl Dorsey, Assistant in Manual Training.

Minnie Vroman, Assistant in Music.

Russell Mumford, B. Pd., Assistant in Chemistry.

Crystal Worner, Assistant in Physical Education.
 C. G. Stratton, B. Pd., Assistant in Geography.
 Leroy N. Brown, A. B., Assistant in Physical Education.
 Elizabeth Millspaugh, Assistant in Music.
 Marion Paton, A. B., Acting Assistant in English.
 Esther Devin, B. Pd., Acting Assistant in German.
 Christine Erwin, Assistant in Physical Education.
 Etta Glauser, Assistant in Music.
 H. Ray Russell, Assistant in Mathematics.
 Harvey Rosa, Assistant in History (winter and spring terms).

LABORATORY ASSISTANTS.

A. Strickler, A. B., Assistant in Chemical Laboratory.
 Hazel Jessup, Assistant in Natural Science Laboratory (fall term).
 Elsie Chamberlain, Assistant in Natural Science Laboratory (winter and spring terms).

FACULTY OF THE TRAINING DEPARTMENT

Dimon H. Roberts, A. M., Superintendent.
 Arthur G. Erickson, A. B., Principal High School Department.
 Margaret E. Wise, M. Pd., Training Teacher, First Grade.
 Adella Jackson, M. Pd., Training Teacher, Second Grade.
 **Abigail Roe, M. Pd., Training Teacher, Sixth Grade.
 Clyde E. Foster, Supervisor of Music.
 Bertha Goodison, Supervisor in Art.
 Alice I. Boardman, Supervisor of Manual Training.
 Ella M. Wilson, A. B., Training Teacher, Fifth Grade.
 Helene Kneip, Director of Normal Kindergarten.
 Grace Fuller, Supervisor of Household Arts and Dean of Women.
 Edith Adams, M. Pd., Supervisor of Kindergartens and Instructor in Kindergarten Theory.
 Margaret I. Miller, Ph. B., Training Teacher, Fourth Grade.
 Pearl Clark, Ph. B., Training Teacher, Seventh Grade.
 Myrtis M. Gallup, A. B., Assistant in High School.
 Lucia Densmore, Training Teacher, Second Grade Woodruff School.
 Elizabeth McCrickett, Training Teacher, Third Grade.
 Mary E. Hatton, Assistant in Manual Training.
 Edith Blackman, B. S., Instructor in Household Arts.
 Inez Rutherford, Instructor in Household Arts.
 Mabel A. Guenther, Instructor in Household Arts.
 *Anna Luella Seager, B. S., Training Teacher, Fourth Grade Woodruff School.
 Carl Dorsey, Assistant in Manual Training.
 Julia Hubbard, B. Pd., Training Teacher, Fresh Air Room.
 Minnie Vroman, Assistant in Music.
 Susan Stinson, B. S., Training Teacher, Eighth Grade.
 Helen A. Field, B. S., Kindergartner, Woodruff School.
 Mabel Wombaugh, A. B., Acting Training Teacher, Fourth Grade, Woodruff School.
 Mabel Neal, B. S., Training Teacher, Third Grade, Woodruff School.

STATE OF MICHIGAN

Evangeline Van Nest, Assistant Kindergartner, Prospect School.
Eva Emendorfer, Acting Training Teacher, Sixth Grade.
Irene O. Clark, B. Pd., Supervisor of Physical Training.
Frederick G. Beyermann, Health Inspector.

LIBRARY STAFF

Genevieve M. Walton, A. M., Head Librarian.
Elsie V. Andrews, A. B., Reference Librarian.
Elizabeth F. Simpson, Assistant in Charge of Cataloging Division.
Clara M. Newth, Assistant in Charge of Periodicals.
Frederick Cleveringa, Assistant in Circulating Division.
Grace Haughton, Assistant in Order Division.
Sally Clarkson, Assistant in Training Department Library.

GENERAL OFFICE STAFF

Clemens P. Steimle, A. B., Secretary-Registrar.
Agnes Morse, Head Stenographer.
Mildred I. Hankinson, Stenographer.
Bessie Wright, Stenographer.
Lyleth Turnbull, Stenographer.
Ruth Leas, Stenographer.
Grace Rogers, Stenographer.
Edith C. Burt, Stenographer.

TRAINING DEPARTMENT OFFICE

Ethel E. Taylor, Appointment Secretary.
Clio Mumford, Stenographer.

Emma R. Cross, Visiting Nurse.
J. W. Stevens, Superintendent Buildings and Grounds.
* Absent on leave.
** Deceased.

Respectfully submitted,
CHARLES McKENNY.

CENTRAL MICHIGAN NORMAL SCHOOL

MT. PLEASANT

To the Honorable the State Board of Education:

Gentlemen:—I have the honor to submit herewith my official report as president of the Central Michigan Normal School for the biennial period ending July 1, 1914.

GROUNDS AND BUILDINGS

The campus of the Central Michigan Normal School is composed of four blocks of land lying in what is designated as the Normal School addition to the city of Mt. Pleasant. Exclusive of streets, the grounds cover an area of about nineteen acres, seven of which are a native forest, containing a great variety of native forest trees. This forest forms a beautiful background for the main normal school building and furnishes an inexhaustible supply of botanical and zoological material for normal school classes. The remaining portion of the campus originally formed a part of a farm and, when it came in possession of the state, contained no trees or shrubbery of any kind. The grounds are now beautifully laid out and ornamented with elms, maples, oaks and various kinds of shrubbery, giving the normal school one of the most beautiful locations in the country.

Exclusive of the new Agriculture and General Science building, which is in process of construction, there are now located on the campus four buildings, as follows:

First. The main Normal School Building, in which are located the administration offices, twenty-two large, well lighted and well warmed and ventilated class rooms, one retiring room for women teachers, one rest room for women students, committee room, five offices for heads of departments, toilet rooms for the men and the women, a shop for janitors' use, and a chapel seating seven hundred fifty people.

Second. The Training School Building, which contains a kindergarten and eight grade rooms, each having a seating capacity of thirty-five children. In addition to the eight grade rooms, there are eight recitation rooms in which subdivisions of the grades are taught by student teachers under the supervision of the regular critic teachers. The building also contains the office of the Superintendent of the Training School, a retiring room for the women teachers and a chapel having a seating capacity of about four hundred. In the basement are located the toilet rooms, the janitors' room, and rooms devoted to the department of manual training and domestic science.

Third. The heating and lighting plant. This building contains a battery of four boilers for heating and power purposes, and engine and dynamo room, pump room, an office for the engineer, a supply room and bunker room having a capacity for storing about 500 tons of coal. There are three conduits connecting this building with the Normal School Building, the Training School and the new Gymnasium.

Fourth. The Physical Training Building or Gymnasium. This building contains suites of offices for the director of physical training and his assistants, a lecture room, laboratory and apparatus room for the department of physiology and hygiene, a ladies' rest room, a game room, 33 feet by 60 feet, and a fine floor 60 feet by 103 feet, for the regular class drills in physical training. The basement contains a swimming pool 18 feet by 40 feet in area and a depth varying from 2½ to 6 feet, shower baths, locker rooms, toilets, etc., for both the men and the women. This building is filling a long felt need in this institution.

THE NEW AGRICULTURE AND GENERAL SCIENCE BUILDING

The legislature of 1913 made an appropriation of \$100,000 for a new Agriculture and General Science Building, which is now under construction. This building, which will be modern in every detail, will contain on the first floor the departments of Agriculture and Psychology and Education; on the second floor will be located the departments of Biology and Geography; while the whole of the third floor will be devoted to the department of Chemistry and Physics. This building will enable us to move our science work from the basement rooms in the main normal school building where the light, ventilation, and general facilities have been entirely inadequate, and will give us as complete quarters for science work as can be found in any similar institution in the country.

ESTIMATED VALUE OF GROUNDS AND BUILDINGS

The following is a fair estimate of the value of the grounds and buildings:

Grounds	\$ 30,000
Main normal school building	95,000
Training school building	50,000
Physical training building	55,000
Conduits	12,500
Central heating and lighting plant.....	30,000
Science building (when completed).....	100,000
Total	\$ 372,500

The estimated value of the equipment of the buildings, including library, furniture, apparatus, works of art, pianos, office equipment and supplies, etc., is \$45,000, making a total estimated value of the property of the school \$417,500.

COURSES OF STUDY

The Central Normal year book for 1913-14 shows many improvements in the contents and display of the various courses offered by the school. The following is a brief description of the courses:

1. The Elementary Rural School Course. This course is designed to prepare teachers for service in the rural schools of the State. To enter the course, students must have passed the eighth grade of a public

school course. The studies required cover all common school subjects and some advanced work in English, science, mathematics and history. Work is also required in psychology and school management. Twenty-four weeks' practice teaching in the training school, under expert criticism, is also required. About seven terms of twelve weeks each are required to complete the course. Graduates from this course are given certificates valid in Michigan for three years in schools employing not to exceed two teachers.

2. The Advanced Rural School Course. This course is designed to prepare teachers for positions in the rural schools, consolidated schools, and village schools employing not to exceed three teachers. The following classes of students may be admitted to this course without examination:

- a. Graduates from the Elementary Rural School Course.
- b. Those who have completed the tenth grade in an approved high school.
- c. Holders of second grade certificates who present a statement from the county commissioner under whom they taught, certifying that they are successful teachers.
- d. Graduates from ten grade schools subject to the discretion of the Rural School Committee.

Students completing this course will receive a state certificate signed by the State Board of Education and the President of the Normal School. This certificate is valid for five years in all classes of rural schools and in village schools employing not to exceed three teachers. On satisfactory proof of success in teaching, the certificate may be renewed once for a period of three years without examination.

3. The Limited Certificate Course. This is a forty-two weeks' course for graduates from approved high schools, and is designed especially to prepare teachers for service in the primary and grammar grades of city and village schools. Students having completed the tenth grade of a public school system can complete this course in three years, doing two years of academic work in the normal.

4. The Life Certificate Course. This is a two years' course for high school graduates, or those who have an equivalent training and prepares teachers for service in any grade of the state public school system.

5. Special Course in Agriculture and Allied Sciences. To enter this course, students must be graduates from a four years' high school course or must have had an equivalent training. The course leads to a life certificate and is designed to fit young men as teachers of agriculture and the physical and biological sciences in the smaller high schools of the state.

6. The Kindergarten Course. A two years' course for high school or college graduates.

7. The Public School Music Course. Designed to prepare supervisors of music in the public schools of the state.

8. The Public School Drawing Course. This is a two years' course for high school graduates and prepares supervisors of drawing for the public schools.

9. In addition to the above eight courses, a preparatory course of two years is offered, bridging over the ground between the rural school course and the two years' life certificate course.

Classes in the branches required by law for the various county certificates are on the schedule every term of the year, so that students desiring to prepare for the county examinations can always be accommodated.

FACULTY

The following is a list of the faculty and other employes of the school for the academic year July 1, 1913, to July 1, 1914:

PRESIDENT

Charles T. Grawn, M. A., M. Pd.

HEADS OF DEPARTMENTS

William Bellis, B. S., B Pd., Mathematics.
 John Kelley, M. A., B. Pd., Rural School Department.
 Lucy A. Sloan, M. S., English Language and Literature.
 Elizabeth R. Wightman, Drawing.
 Anna M. Barnard, M. A., Latin and German.
 Charles F. Tambling, M. A., Physiology and Physical Education.
 Mae Kroenig Woldt, M. S., Biology.
 R. D. Calkins, M. S., Geography.
 Claude S. Larzelere, M. A., History and Civics.
 Eugene C. Rowe, Ph. D. Psychology and Education.
 William C. Rauch, Music.
 Ira A. Beddow, Ph. B., Reading and Public Speaking.
 Myron A. Cobb, B. S., Agriculture and Nature Study.
 Elizabeth E. Merriam, Kindergarten.
 Kendall P. Brooks, M. A., Physics and Chemistry.
 Theodore H. Eaton, A. B., Agricultural Education.
 Lawrence H. van den Berg, M. A., Superintendent of Training School.
 Amy M. Burt, M. A., Dean of Women.

INSTRUCTORS

Rachel Tate, Instructor in English.
 Orpha E. Worden, A. B., Mathematics.
 Bertha M. Ronan, Physiology and Physical Education.
 Maude E. Allen, A. B., Latin and German.
 Francis M. Manion, Drawing.
 Harry W. Helmer, B. S., Physiology and Physical Education.
 Alberta Park, Music.
 Mabelle Wright, B. S., B. Mus., Music.
 M. Leroy Billings, M. A., Psychology and Education.
 Edith A. Barnard, A. B., History.
 Helene Alton, Physical Education.
 Ruth Ansbaugh, Physical Education.
 Eda MacArthur, Domestic Science and Domestic Art.
 O. W. Troutman, Manual Training.

CRITIC TEACHERS.

Elizabeth E. Merriam, Kindergarten.
 Frances Burt, First Grade.
 Adelaide Johnson, Second Grade.
 Lois B. Wilson, Third Grade.
 Esther Parker, Fourth Grade.
 Myrta M. Burwash, Fifth Grade.
 Emma M. Holbrook, A. B., B. Pd., Sixth Grade.
 Ella Richardson, Seventh Grade.
 Lulu B. Chase, A. B., Eighth Grade.
 Grace M. Lamme, Manual Arts and Drawing.

THE LIBRARY

Minnie L. Converse, B. A., Librarian.
 Elizabeth K. Saxe, Assistant in Library.

GENERAL OFFICES

Lena B. Pollex, Secretary.
 Cora J. Cooper, Stenographer.
 Pearle R. Spencer, Stenographer.

BUILDINGS AND GROUNDS

E. E. Willie, Superintendent.
 E. W. Crandall, Engineer.
 John Tuohy, Assistant Engineer.
 C. V. Showalter, Janitor.
 M. F. Brown, Janitor.
 Alexander Burk, Janitor.
 Lee J. Doud, Janitor.

SUMMARY

President	1
Heads of Departments	18
Instructors	15
Critic Teachers	10
Librarians	2
Office Force	3
Buildings and Grounds	7
Total	56

ATTENDANCE

The attendance during the biennial period covered by this report has not been quite up to that of the preceding biennial period. The falling off has been entirely on the Rural School Courses, due to the fact that two years ago a tuition fee of \$5 was assessed all rural school students, whereas prior to that time the tuition had been free. The total falling off in rural school attendance amounts to nearly 150 students. Then, too, the increasing number of county normal training classes, organized

in the territory from which Central Normal draws its students, has caused a further falling off of students preparing to teach in rural schools. There has, however, been a satisfactory increase in the number of high school graduates, so that during the last year the number of this class of students was in excess of any previous year in the history of the school. The attendance by terms during the last two years has been as follows:

Summer Term, 1912.....	543	Summer Term, 1913.....	596
Fall Term, 1912.....	409	Fall Term, 1913.....	394
Winter Term, 1913.....	386	Winter Term, 1914.....	370
Spring Term, 1913.....	373	Spring Term, 1914.....	350

This does not include the enrollment in the Training School, where about 300 children from the city and surrounding country are enrolled.

GRADUATES

The number of students granted diplomas and certificates during the period covered by this report has been as follows:

July 1, 1912 to July 1, 1913.

Life certificate course	98
Kindergarten—Primary course	12
Public school music course	2
Drawing and manual arts course	3
Music and drawing course	4
Manual arts course	4
Limited certificate course	88
Advanced rural school course	8
Elementary rural school course	46

Total	265
-------------	-----

July 1, 1913 to July 1, 1914.

Life certificate course	108
Kindergarten—Primary course	9
Public school music course	1
Drawing and manual arts course	2
Manual arts course	3
Special drawing course	1
Limited school course	103
Advanced rural school course	9
Elementary rural school course	25

Total	261
-------------	-----

A comparison of the above report with the report of the biennial period preceding shows an increase of sixty-seven in the number of graduates.

Practically all of the graduates from this school engage in educational work in this State.

THE LIBRARY

The library is one of the most useful adjuncts of the school. During the period covered by this report its equipment and efficiency have been largely increased. The number of books on the shelves now approximates 18,000—an increase of about 3,000 volumes during the last two years.

There is imperative need of more room for the storage of books and a larger reading room for the use of the students. The books are now shelved in the reading room and would, without any doubt, all be lost in case a fire should break out. A fire-proof addition to the main building, having a capacity for shelving 50,000 volumes, should be provided for in the immediate future. This is necessary not only for the safety of the books but also to provide room for future growth, as all available shelving is now filled. This addition would enable us to use the room now occupied by stacks as an enlargement of our present reading room, which is very much needed.

WORKS OF ART

We believe that a beautiful and artistic environment is a strong factor in education, and one especially necessary in such a school as this, where students carry the influences and ideas gained directly into the lives of the communities where they go as teachers.

That we may effect such a condition here, care has been taken in laying out and beautifying the grounds, and in selecting a collection of pictures and casts, having not only a decorative value, but also illustrating the great periods of art history.

The school now owns about 100 pictures and 20 casts, at a cost of more than \$2,000 and these, we believe, exert one of the strongest influences of the school. The pictures include large carbon photographs of the best quality, and the hand colored lithographs and prints, all artistically framed.

The various schools of painting and the great masterpieces of sculpture and architecture are represented. The early Italian, the Italian Renaissance, the early Dutch, Flemish, German, and Spanish schools are all represented, as well as some of the best things from the modern French, English, Dutch, German and American art. The American mural painters are represented by Sargent's frieze of "The Prophets," Alexander's "Evolution of the Book," and two panels from Abbey's frieze of the Holy Grail. The art department has a small but very good collection of Japanese prints, illustrating the fine art of these most artistic people.

The finest cast owned by the school is a reproduction of Thorwaldsen's "Triumphal Entry of Alexander into Babylon." This decorates the two side walls of the chapel. This sculptor is also represented by a cast of his statue "Hebe," and the two reliefs, "Day" and "Night," which are placed in the large hall of the main building.

The chapel, library, halls, and stairways and the grade rooms of the training school have so far received the pictures and casts, it being thought best to leave the classrooms until these places of more general use were supplied. It is the plan, however, to add decorations suitable to the various departments as rapidly as possible, and so to realize the

ideal school which uplifts and educates by its silent influences, as well as by its more active agents.

THE TRAINING SCHOOL

The Training School is the laboratory of the Normal School. Here practical application is made of the theories and methods discussed in the departments of psychology and pedagogy and in the teachers' professional classes taught by the heads of the normal departments.

A superintendent and a corps of nine thoroughly trained and experienced critic teachers plan, supervise and criticise the work of the normal students while engaged in the twenty-four weeks of practice teaching required of all students before graduation. The purpose of the normal school is to send out into the state each year a body of young men and women, thoroughly trained, both in an academic and a pedagogical sense, and who have had practical experience in teaching under expert criticism.

The Training School is a school of observation as well as a school of practice. Our ambition is to make it a model school in every respect. To this end a model course of study is followed, free textbooks and all necessary appliances are furnished, and latest and most approved school furniture is used, and the walls of the schoolrooms and corridors are hung with beautiful works of art. Practice teachers are given opportunities to see practical demonstrations of work in physical training, manual training, and domestic science. Frequent model lessons are taught by the critic teachers and special teachers of music and art. This furnishes an excellent opportunity for the students to observe work done by experts under the most favorable conditions. High ideals are set up which students are encouraged to try to realize in their own teaching.

In addition to the above it ought to be a legitimate function of the training school to test various methods and devices, make a study of problems of public education and through frequently published bulletins report the results of its tests, studies, etc., to the Department of Public Instruction, and to the superintendents and supervisors engaged in active work in the State. Our normal schools should be *leaders* and not mere followers. To this end, I mean to ask the coming session of the legislature for a small appropriation to enable this school to attempt some work of this character.

The Training School is annually sending teachers into the high schools of the State. In order that they may be well trained for high school service the scope of the training school work should be enlarged to include at least the ninth and tenth grades. This would afford opportunity for practice teaching and observation which is prohibited under the present organization. This enlargement cannot be made at the present time on account of lack of room.

The Training School is in need of a model children's library in charge of a trained children's librarian. A start has been made in this direction by placing at the disposal of the children in each room a small number of carefully selected books. A room fitted up with suitable stacks, reading tables, etc., is needed and should be provided at as early a date as possible.

STUDENTS' LOAN FUND

According to the provisions of Act No. 171 of the Public Acts of Michigan for 1903, entitled "An act for the incorporation of associations not for pecuniary profit," a Students' Loan Association has been established in the Central Michigan Normal School. The purpose of this association is to assist needy students by making to them loans of money for such time and at such rate of interest as the Board of Directors may deem advisable, the purpose of said loan being to enable said students to pursue courses of study in the Central Michigan Normal School. At the time of writing this report the total amount of money in this fund was \$990.36. This fund has been the means of enabling many worthy students to continue their work in school until graduation, who otherwise would have found it impossible to do so. Though many small loans have been made, not one cent has been lost by the borrowers failing to make payment.

THE SUMMER SCHOOL

The summer term at the Central Normal has come to be one of the most important terms of the school year. A large number of teachers who are in active service during the regular school year, avail themselves of the opportunities offered in the summer school. The attendance during the summer term of 1912 was 543, that of 1913 was 596, while during the summer of 1914 the attendance ran up to 640—the largest summer attendance in the history of the school. The majority of summer school students pursue studies that count toward the completion of some regular course of study. Many avail themselves of the opportunity offered for observation of expert teaching in the Training School, which is kept in operation during five weeks of the term, while a considerable number pursue such studies as they need to review in order to pass the county examination.

The commissioners of a large number of counties in Central Michigan have abandoned the usual county institute and have become affiliated with Central Normal. To meet the needs of teachers from these counties, a large number of institute review courses are offered. In these courses thorough instruction is given in the academic phases of the subjects pursued and at the same time some emphasis is placed upon methods and principles of teaching.

For the special benefit of the commissioners themselves, there are held each summer a series of "Commissioners' Round Tables" for the discussion of topics of mutual interest. These meetings have been largely attended and have always been full of interest.

A very important and inspiring feature of the summer school is the course of lectures and entertainments given by eminent educators and entertainers. During the summer of 1913 the following course was carried out:

President Wm. G. Frost of Berea College, Berea, Ky.
Educational Pioneering in the Southern Mountains.
The Solitary Rural Teacher.

- Professor S. H. Clark of Chicago University.
 The Interpretation of the Printed Page.
 Dramatic Recital—"The Melting Pot."
- Professor H. D. Thompson, Muskegon, Mich.
 A Chapter from Out-of-Doors—Illustrated.
- His Excellency, Governor W. N. Ferris, Lansing, Mich.
 Oral Arithmetic.
- President C. T. Grawn.
 In Viking Land—An illustrated lecture on Norway.
 Some Phases of Education in Norway and Sweden.
- The Coburn Players of New York City.
 Three Shakespearian Plays.
- The course for the summer of 1914 was as follows:
 J. Adams Puffer, Ph. D., Director of Beacon Vocation Bureau, Boston, Mass.
 Vocational Guidance.
 The Boy and His Gang.
- Charles Wendling Hastings, Preacher and Traveler, Saginaw, Mich.
 The Emerald Isle—Illustrated by a series of beautiful colored slides.
- A. G. Procter, St. Joseph, Mich. The youngest delegate to the National Convention of 1860, that nominated Abraham Lincoln.
 A Chapter of Unwritten History.
- Hon. Lawton T. Hemans, Lansing, Mich. Member of Michigan Railroad Commission.
 The Early History of Michigan.
- Hon. Charles Zeublin, Author and Publicist, Boston, Mass.
 Twentieth Century Education.
 The Fellowship of the Common Life.
- President Henry C. King, Oberlin College, Oberlin, Ohio.
 The Way into Life's Values.
 The Fine Art of Living.
- The Coburn Players presented.
 Hamlet.
 The Merry Wives of Windsor.
 Joan of Arc.

SCHOOL SPIRIT AND SOCIAL LIFE

A noticeable feature of the Central State Normal is the admirable spirit of good fellowship and loyalty to the school. It is felt by every member of the school, student or teacher, and commented upon by every observant visitor. Loyalty to the school is the watchword of the institution. The influence of this spirit upon the daily life of the students makes mandatory or restrictive rules unnecessary. With almost no rules except a few that are only advisory, our students come and go in school and out, as self respecting, well ordered citizens.

This spirit is, we believe, partly due to the fact that the members of the faculty are not merely classroom teachers, but take an active interest and part in all the activities and organizations of the school, athletic, social, or religious, as well as a personal interest in the individual student. Members of the faculty are enthusiastic spectators at all athletic contests, two or more are active members of each fraternal or social

organization, and at all social functions they are cheerful participants. The faculty gives a general reception at the beginning of each term, the president gives the usual reception to the seniors, and the teachers frequently invite their classes to their homes. In addition to these, parties are frequently given by the students, but they are always subject to the permission and regulations of the Social Committee, which is made up of five members of the faculty. These parties always close at a suitable hour stated by the committee, and are properly chaperoned.

SPECIAL NEEDS OF THE SCHOOL

The Legislature of 1913 dealt so generously with the Central State Normal School that the special needs of the institution for the next two years are not very numerous. There are, however, a few matters that should be taken care of as soon as the necessary funds can be provided.

1. In letting the contract for the construction of the new Agriculture and General Science building it was found necessary for the State Board of Education to omit several items in order to bring the contract within the appropriation. The principal items omitted were the following: (1) One boiler in heating plant; (2) The extension of the smoke stack at the heating and power plant; (3) The motor and fan together with the necessary galvanized iron conduits leading from the plenum room to the various classrooms, laboratories, offices, etc., of the Agriculture and Science building; (4) The thermostatic temperature regulation, and (5) The completing of the equipment of the building. After going over the various items with the architect, I have concluded that an appropriation of \$20,000 will be necessary to properly complete and equip the building.

2. Inasmuch as the State Board of Education has designated the Central State Normal School as the training center for teachers of agriculture, it would seem that a farm of from 40 to 80 acres is necessary to go with the new Agriculture and Science building, in order to furnish proper facilities for the training of special teachers of agriculture. An appropriation of \$12,000 will be adequate for this purpose. If this farm is located near the Normal School a portion of it might be used for a much needed athletic field.

3. An appropriation of \$2,500 should be made for putting in a combination gallery and running track in the gymnasium.

4. The main normal school building, the training school building and the gymnasium are in need of painting and the walls of all rooms, corridors, etc., need re-decorating. For this purpose an appropriation of \$2,500 will be necessary.

5. Provision ought to be made for the safe keeping of our rapidly growing library. The library now contains about 18,000 volumes and is housed in the main building, which is not fireproof. A fireproof addition to the main building, having a capacity for shelving 50,000 volumes can be built for \$25,000 and should be provided at as early a date as possible.

6. A suitable building should be provided for the manual training and domestic science departments. At the present time this work is carried on in the basement of the training school building. The rooms are poorly lighted and ventilated and do not contain space enough for successfully carrying on these lines of work. An appropriation of

\$30,000 would provide ample facilities for these departments of work.

While it may not be advisable to ask the Legislature of 1915 for all of the above items, they should, in my opinion, be included in the budget in order that our needs for the future may be known to our law makers.

The amount of money necessary for salaries of teachers and other employes and for library, apparatus, supplies, etc., will be set forth in a current expense budget which will follow this report.

Expressing my personal appreciation for your interest in this institution and for the many courtesies you have shown me, I remain

Very respectfully,

CHARLES T. GRAWN,
President.

NORTHERN STATE NORMAL SCHOOL

MARQUETTE

To the Honorable, The State Board of Education:

Gentlemen:—I have the honor to submit, herewith, my official report as President of the Northern State Normal School, for the biennial period July 1, 1912 to July 1, 1914.

GROUNDS

The Northern State Normal School campus is composed of twenty acres situated about one mile from the business center of the city. That part of the campus which immediately surrounds the buildings has been laid out by an experienced landscape gardener who made a detailed plat of the grounds. The rest of the campus has been left in its natural state. The necessary drives and walks have also been built and now the campus presents a really attractive and beautiful appearance.

BUILDINGS

The buildings of the institution, including the Central Heating plant, have up to now been four in number, three owned by the State while the third was erected by private owners for the exclusive use of the school.

The Longyear Hall of Pedagogy which was destroyed by fire in December, 1905, and replaced in the Spring of 1907, is a modern fireproof building. It consists of three stories and a basement and is built of Marquette sandstone. The interior is constructed of steel and concrete and finished throughout in natural birch. The most modern methods of heating, lighting and ventilation are used. In this building are located the classrooms of the training school, the Assembly Hall with a seating capacity of three hundred fifty, the classrooms of several of the departments and the offices of the President and Secretary. This building was designed as a wing to the main building which was to be built later. An annex to this building, filling up the space between the Longyear Hall and the main building to be erected, has been built. This annex contains the Library above, and in the basement are the rooms for Domestic Science. The Library is rapidly outgrowing the space which this building allows.

The Peter White Science Hall was carefully planned as a Science Hall and contains laboratories for the departments of natural science, physical science, geography and psychology. The natural science laboratory is especially well equipped. The rooms are well arranged, well heated, well ventilated, and especially well lighted, and the equipment is modern and up to date. The physical science laboratory is also well equipped, modern and up to date. The geographical laboratory is now located in the basement and is neither suitable nor con-

venient. For really efficient service this laboratory should have new quarters. The psychological laboratory has just been nicely started but is severely handicapped on account of room, a class room being used for this work, it is impossible to carry out our plans for a first class laboratory. Beside the laboratories several class rooms are located in this building. The Peter White Science Hall was also built as a wing to the main building to be constructed later. An annex to the Science Hall has been built occupying the space between the Science Hall and the future main building. The annex contains several class rooms and a small gymnasium in the basement. This gymnasium is used for physical training classes for which it does fairly well, but is altogether too small for games.

The Central Heating Plant has proved a great success. It is connected with the various buildings by cement tunnels. It is large enough to heat not only all the buildings now erected, but also the main building when it shall have been built. The vacuum system and the Johnson system of heat regulation have been installed throughout all the buildings. Everything has been done to make the heating plant as efficient and economical as possible.

The Dormitory, erected at a cost of twenty-five thousand dollars by Messrs. Longyear and Ayer, is used exclusively for students of the Normal School. The business part of running the house is retained by the owners. The conduct and welfare of the students is presided over by one of the members of the faculty of the school, the Dean of Women. These varying interests have worked together very harmoniously, but eventually this building should be owned by the State.

NEW MAIN BUILDING

The Legislature, at its last session, made an appropriation of \$150,000 for a new main building and \$10,000 for its equipment. This building is now being erected and will be ready for occupancy in June, 1915, and will fill up the open space which was left between the Longyear Hall and the Peter White Science Hall. This new building will fill a long felt want and will take care of the interests of the school for some time. Together with the Longyear Hall of Pedagogy and the Peter White Science Hall the new building will make one large building with a facade of 300 feet. It is built in the Tudor style of architecture and will be one of the most beautiful buildings in the State. It is built of Marquette sandstone like the other buildings. This building will contain a large auditorium which will do for the future needs of the school for many years, and will seat toward 2,000. It will also contain a large gymnasium which will take care of the needs of the school for many years. It will contain a large library which has been very much needed to take care of the books and to provide reading room for the students. In addition to these three large rooms it will contain the administration offices and a number of class rooms.

With the addition of the new main building the Northern State Normal School is splendidly equipped to carry on the work of a first class normal school.

ATTENDANCE

The attendance during the biennial, July 1, 1912-July 1, 1914, has shown a slight increase over that of the last biennial period. There is no doubt that there would have been a material increase of students during this time had it not been for the industrial disturbances which have taken place in the Upper Peninsula. Owing to the strike which took place in the Copper Country, many students were unable to attend from that part of the Peninsula. It was also feared that the strike would extend to the Iron country and this also prevented many students from attending. The attendance of students has been as follows:

From July 1, 1912 to July 1, 1913.....	597
From July 1, 1913 to July 1, 1914.....	621
Total	1,218

This does not include the enrollment of children in the Training School.

GRADUATES

The number of students granted diplomas during the two years covered by this report is as follows:

July 1, 1912-July 1, 1913:	
Life Certificate Course	124
Graded School Course	38
Rural School Course	2
	164
July 1, 1913-July 1, 1914:	
Life Certificate Course	123
Graded School Course	78
Rural School Course	14
	215
Total	379

Total number of certificates granted for biennial period:

July 1, 1912-July 1, 1914	379
July 1, 1910-July 1, 1912	269
Increase for biennial period	110

Besides these graduates a large number of students are teaching who have partly completed a course and who will return to finish later.

FACULTY

The following is a list of the members of the faculty and employes for the academic year 1913-1914:

PRESIDENT

James Hamilton Barcroft Kaye, A. M.

STATE OF MICHIGAN

HEADS OF DEPARTMENTS

Flora Elsie Hill, A. M., English Language and Literature.
 Sophia Linton, Music.
 John Edward Lautner, M. L., Modern Languages and Sociology.
 Grace Allen Spalding, Drawing and Art.
 Catherine Ellen Maxwell, A. B., M. Pd., Dean of Women, History and Civics.
 Eulie Gay Rushmore, Reading and Expression.
 Thomas Carlisle Hebb, Ph. D., Physical Sciences.
 Earle M. Parker, A. B., Latin.
 De Forest Stull, A. B., Geography.
 Charles Cutler Spooner, A. M., Mathematics.
 Samuel D. Magers, M. S., Natural Sciences.
 Gilbert Lee Brown, A. M., Psychology and Education.
 Steven S. Stockwell, A. M., Superintendent Training School.
 H. Susan Bates, Kindergarten.
 Della Mc Callum, Home Economics.
 Grace Stafford, Physical Training.

INSTRUCTORS

Frances Russell, A. B., English & Mathematics.
 Lillian S. Swan, Drawing and Industrial Training.
 Ethel M. Hamby, Music.
 Lillian S. Bill, Ph. B., History.
 R. C. Shaw, Manual Training.

ASSISTANTS

Mary V. Love, Department of Home Economics.
 Pearl B. Lewis, Department of Psychology & Education.
 Nellie Fairbanks, Department of Natural Sciences.

TRAINING SCHOOL

Steven S. Stockwell, A. M., Superintendent.
 *H. Susan Bates, Critic Teacher, Kindergarten.
 Florence Markham, Critic Teacher, Kindergarten.
 Mary A. Proudfoot, M. S., Critic Teacher, First and Second Grades.
 Margaret S. Gable, Critic Teacher, Third and Fourth Grades.
 Florence J. Huntington, Critic Teacher, Fifth and Sixth Grades.
 Luella Arnold Melhinch, Critic Teacher, Seventh and Eighth Grades.
 R. C. Main, M. D., Medical Examiner.

LIBRARY

Lydia M. Olson, Ph. B., Librarian.
 Mrs. M. Elizabeth Martin, Assistant Librarian.

*Absent on leave.

OFFICE

Doris I. Bowron, Secretary.
Harriet M. Lewis, Clerk.

BUILDINGS AND GROUNDS

Alfred M. Barry, in charge Buildings and Grounds.
Harvey G. Ripley, Engineer.
Charles Gustafson, Janitor.
Oscar Peterson, Janitor.

For the coming year a new department of Penmanship and another department of the Training School have been inaugurated. The following instructors have been engaged to fill these positions:

Miss Sydney Harring, Critic Teacher.
Mr. C. C. Wiggins, Instructor in Penmanship.

TRAINING SCHOOL

Owing to the lack of room the Training School has been very much handicapped, but from now on will be able to expand materially. For the coming year an additional Critic Teacher has been engaged, and a large number of new pupils enrolled, and many more have signified their wishes to attend when we are able to accommodate them. The expansion of the Training School has become necessary as our Senior classes increase in size, unless the amount of practice teaching which has been required of them in the past should be lowered. We believe this, however, would be going backwards, and hope to increase the size of the Training School as much as needed.

COURSES OF STUDY

The following courses of study are now offered in the Northern State Normal School:

1. The Rural School Course. This course is designed to prepare teachers for service in the rural schools of the State. The studies required cover all common school branches and some advanced work in English, science, mathematics and history. Work is also required in psychology and school management. Twenty-four weeks of observation and practice in the Training School are also required. Graduates in this course are given certificates valid in Michigan for three years in schools not employing more than two teachers.
2. Graded School Course. This is a forty-two weeks' course for graduates from approved high schools and is designed especially to prepare teachers in the primary and grammar grades in city and village schools.
3. Life Certificate Course. This is a two-year course for high school graduates, or those who have had an equivalent training, and prepares teachers for service in any grade of the state public school system.
4. Life Certificate Course for principals and superintendents. This course of study leads advantageously to the work of superintendents and principals. It is of a flexible nature and under the advice of a faculty committee on electives and that of the president, it may be

adjusted to the needs of those who expect to become principals or superintendents.

5. The Kindergarten Course. A two years' course for high school or college graduates.

6. Public School Music Course. A two years' course for high school graduates designed to prepare supervisors in music for schools of the state.

7. The Public School Drawing Course. A two years' course for high school graduates designed to prepare supervisors of drawing.

8. The Domestic Science and Art Course. A two years' course for high school graduates, designed to prepare teachers of domestic science and art.

9. In addition to the above courses a preparatory course of two years is offered for students who have not yet finished the high school, and also to bridge over the ground between the Rural School Course and the other normal school courses.

10. Classes in the branches required by law for the various county certificates are on the schedule during the regular year so that students desiring to prepare for the county examinations can always be accommodated.

During the past biennial period the faculty of the school has spent much time and care in revising the courses of study with a view to making them as practical as possible to meet the needs of the Upper Peninsula schools.

One of the important practical needs in the Upper Peninsula is the efficient teaching of English. To meet this need a special course in Oral and Written English is now required of all students. This is not a course in technical English or English Grammar but a course designed to help students in their everyday teaching.

During the past two years the importance of Agriculture has come very much to the front in the Upper Peninsula. The Normal School has endeavored to do its share in keeping pace with this movement. Courses in Practical Agriculture have been added to the Rural and Graded School courses, as most of the students from these courses teach in rural schools. Among other things given in this course, it covers the work laid out in the Michigan Course of Study. Every student must become proficient in the use of the Babcock milk tester, the testing of seeds, and do actual work in the school gardens as well as the regular textbook work. Many graduates of this course have already installed testers in their districts and are doing good work.

The educational courses have been revised very carefully with a view to making them as practical as possible. The courses in psychology have been made as educational as possible. The department of education and the Superintendent of the Training School have co-operated in reorganizing the courses in Education and Teaching so as to bring the theoretical and practical aspects of the subjects into thorough union.

A course in cooking has been added to the Rural School Course.

The principle followed in revising the courses of study has been that of meeting the actual needs of the public schools of the state.

SOCIAL LIFE

Several literary societies do much to add to the social life of the school. They have proved of much benefit to the students. They are heartily supported by the faculty, many of whom are regular attendants at their meetings. These societies prove a great help in the practice of public speaking, debating, literary composition and music.

During the past two years the girls of the school have been thoroughly organized into the Student Girls' League. This league has done much for the social and moral welfare of the student. Committees from the League meet all incoming trains, take care of the new students, show them to the Normal School, conduct them to their rooming and boarding places, and in a variety of ways, help the new students to get into the best life of the school and to avoid anything that might be harmful to them. The faculty and students alike feel that this new movement is a powerful factor for good in the school.

The faculty has taken great interest in the social and moral welfare of the students and has systematized its efforts in promoting these ends. Much efficient work is being done in this important part of student life.

SUMMER SESSION

In this school the summer session has become of great importance, one of the most important terms in the year. It reaches a large class of students and teachers who otherwise would not be able to take advantage of Normal School training. The attendance at the summer school is larger than that of any other term. The summer sessions in the past few years have been remarkable for thorough, earnest and enthusiastic work. Many successful and mature teachers take advantage of the summer session. For the last several summers the attendance at the summer sessions has been as follows:

Summer Session, 1910	372
Summer Session, 1911	406
Summer Session, 1912	378
Summer Session, 1913	408
Summer Session, 1914	413

The work of the summer session aims to carry on the regular work of the Normal School, and also supply the needs of those students who come for a review of special subjects, or to prepare for the county teachers' examinations. To meet the needs of teachers studying for county certificates a large number of institute review courses are offered. In these courses thorough academic instruction is given in the subjects pursued and also emphasis is placed upon methods and devices in teaching.

The summer session institute classes were given in the following subjects:

1. Orthography and Spelling.
2. Arithmetic.
3. Theory and Art.

4. Civil Government of the United States.
5. History and Government of Michigan.
6. State Manual and Course of Study.
7. School Law.
8. Drawing.
9. Music.
10. Grammar and Composition.
11. Physiology and Hygiene.
12. Botany.
13. General History.
14. Nature Study.
15. Methods in Elementary Agriculture.
16. Reading.
17. Geography.

The plan of combining the summer school and review and institute work is proving very successful in meeting the needs of students and teachers and the various county commissioners have expressed themselves in its favor and have given their hearty co-operation.

In addition to the regular faculty, the following well known teachers assisted in the summer sessions:

Superintendent Fred A. Jeffers, M. Pd., Adams Township, Michigan.

Superintendent S. O. Clinton, Baraga, Michigan.

Superintendent J. V. Brennan, Ironwood, Michigan.

Superintendent H. D. Lee, Hancock, Michigan.

Superintendent M. J. Walsh, Sault Ste. Marie, Michigan.

Professor Clarence L. Holtzman, Chicago, Ill.

Miss V. Winifred Lacey, Ishpeming, Michigan.

Miss Alice Roche, Ironwood, Michigan.

Miss Mary A. Newberry, New York Public Library, New York.

Mr. Neil Van Horne, Teacher of Science, Marquette High School.

In addition to the teaching courses a number of courses of lectures were given by noted educators and lecturers.

Professor Arthur D. Dean, Albany, N. Y.

Professor Rollo W. Brown, Wabash College, Indiana.

Dr. Oscar I. Corson, Columbus, Ohio.

Dr. Henry S. Curtis, Olivet, Michigan.

Miss Marian P. Green, New York, N. Y.

Miss Mary Hutchinson, Buffalo, N. Y.

NEW FEATURES

It is planned during the coming Fall to issue a monthly publication, edited by the faculty and students. Its aim will be to reflect the life of the school. All the departments of the school will be represented, as well as the alumni, in its contributions. This publication will fill a want and we hope will prove of great value and interest to the alumni and students of the school.

During the past year a Students' Loan Fund has been created through the gift of Miss Mary E. Moore, of Marquette, Michigan, to be known as the "Mary E. Moore Student Loan Fund." This fund consists of

\$1,000 to be loaned to young women students who would be unable otherwise to continue their work in the school.

A Board of Control, consisting of the President of the School and two other members of the faculty appointed by him, is to have exclusive management of the fund. The conditions governing loans from the fund are as follows: The student must have been in residence at least one term, and during the entire time of residence must have had a good record for character, conduct and scholarship. She must be vouched for by at least one person in high standing, not in any way connected with the school. Upon receiving a loan the student must give her note for the amount, and this will bear interest at 3 per cent until the expiration of one year after leaving the school. But the note may be paid before this date at the convenience of the borrower. If necessary, the note may be renewed for one additional year, but will then bear interest at the rate of 5 per cent and must be paid at or before the expiration of this year. No student may borrow more than two hundred dollars from the fund.

This method of loaning the money is believed by the donor and the board of control to be more beneficial than a gift would be, as it is a business transaction in which both the borrower and the school are benefited, the former by being able to continue her study, and the latter by helping a good student in residence, and by gradually increasing the amount of the loan fund.

PLAN OF BUILDINGS

The original plan of the buildings for the school was to have one large building, consisting of a main part with wings joined on either side. Both of these wings have been built as detached buildings. Room was left between for the placing of the main building. The main building is now being erected and will be completed in the Spring of 1915, thus completing the original plan.

SPECIAL NEEDS OF THE SCHOOL

The Legislature was asked for an appropriation of \$150,000, which was granted, for the erection of the main building. A very careful estimate of the cost of such a building had been made before asking for the appropriation but owing to the increased price of material when the contract was let, it was found necessary to cut out certain parts of the contract for the building. The gymnasium was to have been finished by a lining of pressed brick. It was estimated that by leaving out this part of the brick and leaving the gymnasium unfinished, \$2,650 could be saved. This was done thus leaving the gymnasium unfinished. I would sincerely recommend that the next legislature appropriate the above amount for the finishing of the gymnasium.

During the past two years the roof of the Peter White Science Hall has been leaking badly. A number of attempts have been made to stop it by patching, but it has been found that the roof, which is of shingles, is practically all worn out. The leaking can only be stopped by a new roof. I would recommend that the Legislature appropriate the sum of \$1,500.00 to put on a new asbestos shingle roof. We have found by ex-

perience that a slate roof is not practical in this climate but that the best roof for standing the climate and weather is an asbestos shingle roof.

The outside wood work of the old buildings is badly in need of paint and the sum of \$500.00 is needed for this work. The wood work should not be allowed to go longer than necessary without repainting.

The City of Marquette has notified us that it is absolutely necessary for them to put in new sewers in this part of the city and that we shall be called upon to pay our proportion of the assessment. I would recommend that sufficient appropriation be made to cover such an assessment, the amount of which will soon be made known to us.

All of the above are really needed by the school and are respectfully called to your attention.

OUTLOOK

The Northern State Normal School has reached the point in its history when it can look forward to greater growth and prosperity. It has now alumni teaching in all the cities and villages of the Upper Peninsula, who, by their excellent work, are showing the value of the school and its training. The outlook for a larger number of students from now on is very good. The buildings have been in an uncompleted condition for a number of years, but now with the new main building and its equipment the school will be able to meet any demands made upon it. The commissioners, superintendents and teachers in the Upper Peninsula are showing a fine spirit toward the school and the desire for co-operation is greater than ever before. The Northern State Normal School can not for many years be a very large school owing to the fact that there is not a large population in the Upper Peninsula and that its towns are at wide distances apart. The Rural population of the Upper Peninsula is not large compared with that of the cities. However, it is becoming more general in the Upper Peninsula to ask for trained teachers in the schools, and this will bring about an increase in the number of students who will go to the Normal Schools to prepare for teaching.

The spirit of the school is excellent among both instructors and students. The faculty is doing good efficient work, and the students are earnest and enthusiastic. Altogether the outlook for the future of the school is much better than it has been at any other time in its history.

Respectfully submitted,

JAMES H. KAYE,
President.

WESTERN STATE NORMAL SCHOOL

KALAMAZOO

To the Honorable, the State Board of Education:

Gentlemen—I have the honor to submit herewith my official report as President of the Western State Normal School for the biennial period beginning July 1, 1912, and closing June 30, 1914.

HISTORICAL SKETCH

The legislature that convened in 1903 passed a bill providing for the establishment of a fourth State Normal School in Michigan. Governor Bliss signed the bill and the State Board of Education eventually selected Prospect Hill in Kalamazoo as the site of the new institution. In March, 1904, the State Board of Education elected a principal and the school was opened July 1st of that year. The first summer session was held in the Central High School building. At the opening of the fall term the school was transferred to the old College building which served as its home through the school year. The summer session of 1905 was again held in the Central High School and Vine Street buildings, and in the fall of that year the Administration Building was completed and the school was established in its permanent home. In 1907 the Gymnasium was completed as was the addition to the Administration Building, connecting the latter with the Gymnasium. The legislature of 1907 made an appropriation for the Training School Building and this structure was completed in 1909. The legislature of 1913 made an appropriation for a Science Building and a heating plant, and these two buildings will be ready for occupancy at the opening of the winter term, 1915.

DECENNIAL CELEBRATION

The Western State Normal completed its tenth year in June, 1914. The program for Commencement Week which was carried out in its entirety was as follows:

Saturday, June 20, 9:30 A. M.—Kindergarten Breakfast.

Saturday, June 20, 8:00 P. M.—General Student Party.

Sunday, June 21, 3:00 P. M.—Baccalaureate Address, Superintendent S. O. Hartwell, Kalamazoo Public Schools.

Monday, June 22, 8:30 A. M.—Final Assembly Program.

Monday, June 22—Exhibit of Work.

Monday, June 22, 3:00 P. M.—Senior Class Play, "The Merry Wives of Windsor."

Monday, June 22, 5:45 P. M.—Annual Reunion of Rural School Graduates at Residence of Dr. Ernest Burnham.

Monday, June 22, 7:30 P. M.—Annual Alumni Party.

Tuesday, June 23, 9:00 A. M.—Western Normal School Conference.

Tuesday, June 23, 1:15 P. M.—Alumni Program.

Tuesday, June 23, 2:45 P. M.—Dedication of Normal Athletic Field.

Tuesday, June 23, 7:30 P. M.—Alumni Business Meeting.
 Tuesday, June 23, 8:15 P. M.—Annual Normal School Concert.
 Wednesday, June 24, 10:00 A. M.—Commencement.
 Wednesday, June 24, 12:00 M.—Alumni Luncheon.

GROWTH OF THE SCHOOL

The Normal has won favorable standing in the commonwealth and recognition of the school is shown by the patronage of the section for which the Normal was primarily established. The following table gives the actual attendance of students for each biennial period since the school was organized:

July 1, 1904 to June 30, 1906.....	715
July 1, 1906 to June 30, 1908.....	1,742
July 1, 1908 to June 30, 1910.....	2,684
July 1, 1910 to June 30, 1912.....	2,820
July 1, 1912 to June 30, 1914.....	2,992

The above totals do not include children in the Training School.

GRADUATES

The total number of students who were granted certificates during the biennial period July 1, 1912 to June 30, 1914, is as follows:

Life Certificate	370
Extension	17
Graded	126
Rural	104
Total	617

This is a gain of fifty-two over the total number of graduates of the preceding biennial period.

RESOURCES OF THE SCHOOL

The total valuation of the Western Normal on June 30, 1913, as shown by the inventory was approximately \$300,000. On June 30, 1914, the total valuation of the Western Normal property as shown by the inventory is \$412,813.48, made up of the following items:

Building and grounds	\$346,000 00
Library	18,000 00
Furniture	17,147 59
General supplies	5,861 60
Laboratory equipment	5,825 82
Gymnasium equipment	4,443 25
Manual Training equipment	5,765 95
Pictures	3,500 00
Music	2,796 00
Domestic Science and Art	2,600 66
Training School supplies	614 86
Art supplies	257 75

\$412,813 48

To this amount should be added the appropriation available for the equipment of the Science Building	\$10,000 00
The appropriation for the construction of a heating plant..	40,000 00
Making a total of	<u>\$462,813 48</u>

IMPROVEMENTS DURING THE BIENNIAL PERIOD

During the school year 1912-13 few permanent improvements were made owing to the lack of funds. In the second year of the biennial period beginning July 1, 1913 and closing June 30, 1914, a very considerable number of notable improvements have been made. Among these are:

1. Large additions to the library.
2. The decoration of interior walls in the main building.
3. Important additions to gymnasium equipment including a new cover for the running track.
4. Machinery and other equipment for the manual training department available through a special fund of \$5,000 appropriated by the legislature.
5. The science building at a cost of \$75,000.
6. The heating plant to be completed in January at a cost of \$40,000.
7. The purchase of an athletic field with improvements already begun.
8. Important accessions of furniture for the library, office and recitation rooms.
9. Added equipment for the music department including pianos and victrola.
10. Valuable accessions to the collection of pictures.

GROWTH OF THE LIBRARY

The library began its existence as an organized department in the fall term of 1905. It then consisted of 1,195 volumes accessioned and classified. Since that time the library has grown not rapidly but steadily. In October, 1913, the library passed the 10,000 volume mark that in the library world divides the class called "small libraries" from the class called "libraries." At the present time the library numbers 12,000 volumes which have been carefully selected and accessioned. The library regularly receives periodicals to the total number of 146, and possesses 34 complete sets of the most needed magazines. At the present time students of the normal draw for reference about 735 books each week and also draw for additional use in the reading room about 2,100 volumes a week.

NEW SCIENCE BUILDING

The new science building which stands 150 feet west of the gymnasium is nearing completion. It is a full three story structure 147½ feet long and 79½ feet wide running north and south. The main entrance is to the east and the building will conform in exterior architecture to the other buildings on the campus. The first floor will be occupied by the departments of geography and psychology. The biological sciences (botany, zoology, physiology, nature study and agriculture), will be housed on the second floor. The third floor will be de-

voted to chemistry and physics. The suites of rooms occupied by the several departments will be planned and equipped with the special needs of each department in view. The science hall as a whole will be a modern structure as to plumbing, heating, lighting, ventilating and fire protection. With the splendid facilities which will be afforded by the completed structure the courses in science will be increased in number and the quality and effectiveness of the work will naturally show marked improvement.

NORMAL ATHLETIC FIELD

The legislature of 1909 made an appropriation for the purchase of an athletic field. In 1913 the State Board of Education authorized the purchase of a splendid tract of 13 acres of ground lying just across Oakland Drive from the Normal School. The field has been carefully surveyed, graded, drained and seeded. Thoroughly modern football and baseball fields will be constructed and eventually suitable stands and bleachers will be erected. The field will include a modern quarter-mile cinder track. It is planned to make the athletic field serviceable in every respect so that it will be one of the most attractive athletic grounds to be found among the Normal Schools of the United States. Students, graduates, instructors in the school and friends outside have contributed generously of funds toward the purchase and equipment of the new field.

COURSES OF STUDY

The Western State Normal School offers the following courses of study:

1. General Life Certificate Course.
2. High School Life Certificate Course.
3. Special Courses leading to the Life Certificate in
Art,
Art and Music,
Commercial,
Kindergarten,
Manual Training,
Music,
Physical Education.
4. The Life Certificate Extension Course.
5. The Graded School Course.
6. The High School Course.
7. The Rural School Courses I and II.

A large number of leading normal schools of the middle west are now offering advanced courses which give more adequate preparation for service in the elementary grades and also give students better preparation for teaching in the high schools. After ten years of careful observation of the public school conditions of western Michigan, I am fully satisfied that the time has come when it will be wise to establish an advanced course at the Western Normal which will require a residence of three years and lead to the degree of bachelor of pedagogy. Such action, if taken, would add but little to the running expenses of the school and would meet a real and increasing demand of many of the smaller high schools of western Michigan for better prepared teachers. At the present time

there is not a sufficient supply of high school instructors from the university and colleges to supply the demand made by the schools of this section.

RURAL SCHOOL DEPARTMENT

The Rural School Department which was organized with the establishment of the Western Normal in 1904 has continued to more than justify the wisdom of the State Board of Education in making provision for this new departure. It will always be a matter of interest in the history of public school education in the United States that the first fully organized Rural School Department in a State Normal School with a director in charge was established at Kalamazoo with the creation of the Western Normal. During the past biennial period the total attendance was 140. During the biennial period certificates to teach in rural schools were granted to 104 candidates.

The model district school established six years ago, had been used for the purpose of demonstrating the expert handling of such schools and much benefit has resulted for the students who are preparing to teach in district schools. This school is located at Oakwood, two and one-half miles from the Normal on the trolley line.

In May, 1907, the Annual Rural Progress lecture was established as a permanent feature of the department. Thus far eight lectures have been given which rank in significance with any contributions which have been made toward the solution of the general problem of country life during the past eight years. The list of lecturers with their topics, is as follows:

May, 1907—President Kenyon L. Butterfield of the Massachusetts Agricultural College, "The Social Factors in Rural Progress."

May, 1908—Dr. L. H. Bailey, Director of Agriculture at Cornell University, "The Outlook for Rural Progress."

May, 1909—Eugene Davenport, Dean of the College of Agriculture, University of Illinois, "Education in Rural Progress."

May, 1910—Henry Wallace, Editor of Wallace's Farmer, Des Moines, Ia., "Some Rural Problems."

May, 1911—Hon. Charles W. Garfield, Grand Rapids, Michigan, "Rural Recreation."

May, 1912—Dr. Henry C. Adams, Department of Economics, University of Michigan, "Three Steps in Rural Progress."

May, 1913—President Kenyon L. Butterfield of the Massachusetts Agricultural College, "A Decade of Rural Progress."

May, 1914—Dr. W. H. Foght of the United States Department of Agriculture, "Rural Progress in Denmark."

Not only in Michigan but throughout the country much attention has been attracted to the Rural School Department which is unique in its organization among the state normals of the United States. It is probable that this department has made a greater contribution toward understanding and improving social and educational conditions in rural communities than has been made by any other state normal during the past ten years.

NORMAL EXTENSION COURSE

In 1905 the State Board of Education authorized the granting of an extension life certificate to mature students who (1) are high school

graduates, (2) have taught six years, (3) under the direction of the Normal School faculty have completed work as follows: (a) three summer terms in residence, (b) two years of non-resident work. This non-resident work is either (1) class work at some center within range of the school, so that an instructor can meet students once a week, usually on Saturdays, or (2) carefully organized courses taken by correspondence.

Since 1905, the Western State Normal School has permitted properly qualified students to avail themselves of the opportunities presented by the extension course. Altogether more than 200 students have enrolled for work in the eight years from 1907 to 1914 inclusive, 86 experienced teachers have completed the work for the extension life certificate.

The general standard of scholarship has been high. A considerable number of those who have undertaken extension work have later entered upon and completed the life certificate course in residence. A gratifying feature of the work has been the number of advanced students who, after having completed residence courses here and elsewhere, have taken the extension courses to secure competent direction in continuing their professional and special studies beyond the point required for legal certification.

SUMMER TERM

During the summer term, 1914, the enrollment from Michigan represented 44 counties, namely: Allegan, Antrim, Barry, Bay, Benzie, Berrien, Branch, Calhoun, Cass, Cheboygan, Clinton, Eaton, Genesee, Grand Traverse, Gratiot, Hillsdale, Houghton, Ingham, Ionia, Jackson, Kalamazoo, Kent, Lake, Lenawee, Marquette, Mason, Mecosta, Midland, Montcalm, Muskegon, Newaygo, Oakland, Oceana, Ogemaw, Osceola, Ottawa, Saginaw, Shiawassee, St. Joseph, Tuscola, Van Buren, Washtenaw, Wayne and Wexford. Among the counties most largely represented were: Allegan, 50; Barry, 35; Berrien, 38; Branch, 32; Calhoun, 43; Cass, 30; Hillsdale, 34; Kalamazoo, 137; Kent, 61; Ottawa, 52; St. Joseph, 38; Van Buren, 84. The wide distribution of the summer school constituency is shown by the fact that these students represent 227 different towns and cities in Michigan. About one-half of the summer students are preparing for service in country schools. As heretofore an encouraging feature of the summer term, 1914, is found in the large number of superintendents and principles who were in attendance. Fourteen commissioners representing the counties of Allegan, Barry, Berrien, Branch, Calhoun, Cass, Eaton, Hillsdale, Kalamazoo, Kent, Oceana, Ottawa, St. Joseph, and Van Buren were in attendance during the term and rendered valuable service in many ways.

From the outset the summer term at Kalamazoo has been of great service to the teachers of western Michigan.

In continuation of the policy of the preceding summer terms several well known educators were engaged to lecture to the students. The lecturers and their subjects are named below:

Dr. Lotus Coffman of the University of Illinois.

"Current Criticisms of the Public Schools."

Mr. Charles Seymour.

"Sir Walter Raleigh."

"Francesco Bizarro."

Dr. Charles H. Judd of the University of Chicago.

"Changes in the Course of Study Which Should be Made to Meet the General Demand for Industrial Education."

"Individual Differences Among Pupils."

Dr. W. C. Bagley of the University of Illinois.

"The Red Letter Lesson."

Hon. Washington Gardner.

"The Struggle for Chattanooga."

Redpath Chautauqua.

NEEDS OF THE SCHOOL

The budget will include an itemized estimate of the needed appropriation for current expenditures for the biennial period from July 1, 1915 to June 30, 1917. The legislature of 1913 granted to the Western Normal much needed relief by increasing the appropriation for current expenses and making provision for two needed buildings, the Science building and the heating plant. It has been possible during the last year to relieve a number of over worked instructors and to provide some of the much needed equipment in the library, recitation rooms and laboratories. The immediate specific needs of the school are as follows: (1) A sufficient appropriation for current expenses to provide for two additional janitors and eight instructors. The current expense appropriation should also make provision for reasonable increase in salaries to some of the instructors a number of whom are underpaid. (2) An appropriation of \$75,000 is needed for the erection of a Manual Training building. The work in this important department is now carried on in one of the public school buildings under serious disadvantages. The sum of \$15,000 is needed to complete the manual training equipment. (3) The second immediate building need of the Normal School is a library. Our books at present are housed in three recitation rooms which give insufficient space for either library or reading room. A library such as is demanded by present needs and future growth of the school will require an appropriation of approximately \$75,000. To equip such a building will require an additional appropriation of \$15,000. (4) The grounds of the Western Normal have long been neglected and the time is certainly ripe for a small appropriation to provide such grading and ornamentation of the grounds as to make a suitable campus for a State Normal School. The sum of \$5,000 will make it possible to complete the work at one time. (5) An appropriation of \$8,000 is needed for reasonable improvement of the new athletic field in addition to the voluntary contributions now being made by students, graduates, instructors and friends of the school. (6) Beyond immediate needs of the school are others that should be considered in any comprehensive plan in making provision for complete and final equipment of the school. Among these are

1. An auditorium.
2. An addition to the gymnasium.
3. An addition to the training school building.
4. Two dormitories to properly house a portion of the student constituency.

It will be greatly to the advantage of all who are connected with the Western Normal if provision shall be made by the legislature of 1915

either by mill tax or by a stated special appropriation running through a number of years for the complete equipment of the school which shall include all of the buildings and other items enumerated above.

FACULTY

The faculty and other employes during the year just closed consisted of the following persons:

D. B. Waldo, A. M., LL. D., President.
Maude Baughman, English.
Margaret Benbow, Domestic Art.
Ernest Burnham, Ph. D., Rural School Director.
Margaret Burns, Physical Education.
N. W. Cameron, Ph. D., Education.
John B. Faught, Ph. D., Mathematics.
Elva M. Forncrook, A. B., Expression.
John E. Fox, A. B., Physics.
Helen Frost, Physical Education.
Emelia M. Goldsworthy, Public School Art.
Bessie B. Goodrich, Rural School Methods.
Lena Harrington, Rural Observation School.
Lucia Harrison, A. B., Geography.
L. H. Harvey, Ph. D., Biology.
T. Paul Hickey, A. B., History.
Beulah Hootman, Public School Music.
Hildred Hanson Hostetter, Public School Music.
Margaret Hutty, Domestic Science.
George F. Jillson, A. B., Mathematics.
Adele M. Jones, B. S., Domestic Art.
B. L. Jones, A. M., English Language and Literature.
Matie Lee Jones, Physical Education.
Eleanor Judson, Public School Art.
Catherine Koch, B. S., Agriculture.
Harper C. Maybee, Public School Music.
Alice L. Marsh, B. S., English.
William McCracken, Ph. D., Chemistry.
Mary Moore, Domestic Science.
Maude Parsons, A. B., Latin.
Robert M. Reinhold, B. Pd., Education.
M. J. Sherwood, Manual Training.
William H. Spaulding, A. B., Physical Education.
Margaret Spencer, Public School Art.
George Sprau, A. M., English Language and Literature.
George S. Waite, Manual Training.
Caroline Wakeman, Ph. B., History.
L. H. Wood, A. M., Geography.
Elisabeth Zimmerman, A. B., German.

TRAINING SCHOOL

Lavina Spindler, Director.
Edith C. Barnum, First Grade.
Dora I. Buckingham, Assistant Kindergarten.

Iva J. Ferree, Fourth Grade.
Lucy Gage, Kindergarten.
Nellie M'Connell, Third Grade.
Katherine Mulry, Fifth and Sixth Grades.
G. Edith Seekell, Eighth Grade.
Blanche Shimer, B. S., Second Grade.
Emelie Townsend, B. S., Seventh Grade.

LIBRARY

Esther Braley, A. B., Librarian.
Anna L. French, Assistant Librarian.
Amelia Anderson, Assistant Librarian.

OFFICES

Katherine Newton, Secretary.
Katherine Shean, Assistant Secretary.
Marie C. Cole, Clerk, Training School.

BUILDINGS AND GROUNDS

H. H. Smith, Superintendent.
William Champion, Assistant.
Al. Colvin, Assistant.
J. P. Jones, Assistant.

At the opening of the biennial period beginning July 1, 1914, the following additions or substitutions have been made:

Fannie Ballou, Second Grade, Training School.
Arthur E. Bowen, Manual Training.
Mrs. Minnie M. Campbell, First Grade, Training School.
Mrs. Carrie B. Chappell, Domestic Science.
Alice E. Clark, B. S., Domestic Art.
Susie M. Ellett, A. B., Rural Observation School.
John P. Everett, A. M., Mathematics.
Germaine Guiot, Physical Education.
Evalina Harrington, B. S., Kindergarten.
Florence Murphy, A. B., English.
Rose Netzorg, Public School Art.
Allen Petrie, Agriculture.

It seems entirely fitting and it is a pleasure to testify to the loyalty, steady growth, and progressive efficiency of these instructors who have established the splendid standards that prevail in the school.

THE OUTLOOK

Ten years of careful observation makes it clear that Kalamazoo possesses all of the essentials of a high grade resident city for a state normal school. It is a community of homes, of business enterprise and growth. The literary, social, religious and general educational advantages so conspicuous here are of incalculable value in the training of our young people during the impressionable years of student life. There

are countless opportunities for remunerative employment open to all young men and women whose means are limited. All of these factors, together with the splendid transportation facilities to and from the city, and the populous character of the region naturally tributary to the Normal have worked for the rapid upbuilding of the institution.

The attendance has been satisfactory, superintendents, principals, commissioners, and teachers are hearty in their support of the Western Normal. The area of its influence is being widened; the citizens of Kalamazoo are cordial and friendly. Our relations to the other educational institutions of the State are all that could be desired. Graduates of the school are in demand. The instructors are doing strong, efficient work and our students are earnest and enthusiastic. A fine spirit prevails throughout the school.

Respectfully,
D. B. WALDO,
President,

BUDGETS OF NEEDED APPROPRIATIONS

BUDGETS OF NEEDED APPROPRIATIONS

MICHIGAN STATE NORMAL COLLEGE

YPSILANTI, MICHIGAN,
September 26, 1914.

To the Honorable, the State Board of Education:

Gentlemen—I have the honor to present herewith for your consideration a summarized estimate of the needed appropriations for the Michigan State Normal College for each of the two years ending respectively June 30, 1916 and June 30, 1917. In my accompanying report on the College I discussed the various items in this estimate.

CURRENT EXPENSES

The first column of figures gives the average expenditures for the various items for each of the two years, July 1, 1912 to June 30, 1913 and July 1, 1913 to June 30, 1914.

The second column of figures gives the estimated needs for each of the two years, July 1, 1915 to June 30, 1916 and July 1, 1916 to June 30, 1917.

Salaries.....	\$181,959.00	\$203,859.00
Sundries.....	475 62	500 00
Supplies.....	4,348 00	5,000 00
Repairs.....	5,488 00	6,500 00
Fuel.....	8,867 78	9,500 00
Lights.....	1,790 00	2,000 00
Departments.....	6,305 41	8,000 00
Library.....	2,997 10	3,400 00
Grounds.....	190 27	1,500 00
Advertising.....	1,128 21	1,000 00
Postage.....	902 68	900 00
Telephones.....	202 16	350 00
Water tax.....	608 60	700 00
Medical examinations.....	183 87	200 00
Extra labor.....	1,665 85	1,800 00
Laundry.....	377 74	400 00
Traveling expenses.....	167 03	300 00
Employees liability.....	150 03	150 03
State Board of Education.....	30 00	50 00
Printing.....	1,581 05	1,700 00
State Fire Fund.....	987 62	987 62
Furniture.....	500 00	1,000 00
Totals.....	\$220,906 02	\$249,796 65

SPECIAL REPAIRS

Renovating of women's gymnasium.....	\$20,000 00
Pipe organ for auditorium.....	15,000 00
Tank and filter for gymnasium.....	17,000 00
Athletic field.....	7,000 00
Repair and seating of training school chapel.....	1,500 00
Total.....	\$60,500 00

In my accompanying report I suggest that the funds for repairs be taken from the appropriations for buildings made by the last legislature.

Respectfully submitted,
CHAS. McKENNY,
President.

CENTRAL MICHIGAN NORMAL SCHOOL

The Honorable, the State Board of Education:

Gentlemen—The following is an estimate of the amount of money needed for current expenses and for special purposes at the Central Michigan Normal School for the biennial period July 1, 1915 to July 1, 1917.

I. FOR CURRENT EXPENSES:

Salaries.....	\$84,400 00
Fuel.....	5,000 00
Light.....	400 00
Water.....	500 00
Library.....	2,000 00
Printing, catalogs, bulletins, etc.....	1,200 00
Postage.....	500 00
Freight and express.....	200 00
General supplies.....	1,000 00
Training School supplies, textbooks, etc.....	600 00
Telephone rent and service.....	250 00
Telegraph service.....	25 00
Office supplies.....	150 00
Alterations and repairs.....	500 00
Extra labor.....	600 00
Grounds.....	600 00
Boiler insurance.....	100 00
Physics and Chemistry.....	300 00
Supplies and apparatus, Biology.....	200 00
Department of Geography.....	300 00
Department of Psychology.....	300 00
Kindergarten supplies.....	100 00
Art Department.....	200 00
Manual Training.....	500 00
Domestic Science and Art.....	300 00
Music Department, two pianos.....	750 00
Contingent.....	500 00
Total.....	\$101,475 00

II. FOR SPECIAL PURPOSES:

1915-1916

1. Completing the heating, ventilating and equipment of the Agriculture and General Science Building.....	\$20,000 00
2. For purchasing a school farm.....	12,000 00
3. For painting and decorating three buildings.....	2,500 00
4. For building gallery and running track in gymnasium.....	2,500 00
Total.....	\$37,000 00

1916-1917

1. For building fire proof addition to main normal school.....	\$25,000 00
2. For Manual Training and Domestic Science Building.....	30,000 00
Total.....	\$55,000 00

SUMMARY.

For salaries, 1915-16, duplicated for 1916-1917.....	\$84,400 00
For other current expenses, 1915-16, duplicated for 1916-17.....	17,075 00
Total.....	\$101,475 00

For Special Purposes:

1915-16.....	\$37,000 00
1916-17.....	55,000 00
Total.....	\$92,000 00

Respectfully submitted,
CHARLES T. GRAWN,
President.

NORTHERN STATE NORMAL SCHOOL

MARQUETTE, MICHIGAN,
October 12, 1914.

The Honorable, The State Board of Education, Lansing, Michigan:

Gentlemen—The following is an estimate of the amount needed for current expenses and for special purposes at the Northern State Normal School, for each of the two years of the biennial period, July 1, 1915 to July 1, 1917.

I. CURRENT EXPENSES.	Fiscal year 1915-1916.	Fiscal year 1916-1917.
Salaries.....	\$60,025 00	\$60,025 00
Contingent.....	1,000 00	1,000 00
Printing and advertising.....	700 00	700 00
General supplies and furniture.....	1,500 00	1,500 00
Training school supplies.....	400 00	400 00
Freight and drayage.....	150 00	150 00
Library.....	1,200 00	1,200 00
Postage and express.....	300 00	300 00
Telegrams and telephones.....	100 00	100 00
Gas motor and fans.....	550 00	550 00
Fuel.....	2,800 00	2,800 00
Lights.....	500 00	500 00
Biological laboratory.....	250 00	250 00
Psychological laboratory.....	250 00	250 00
Physics and chemistry laboratory.....	250 00	250 00
Geographical laboratory.....	250 00	250 00
Music department.....	200 00	200 00
Drawing department.....	200 00	200 00
Grounds.....	600 00	600 00
Domestic Science and art.....	400 00	400 00
Manual training supplies.....	200 00	200 00
Water.....	400 00	400 00
Repairs, improvement, extra labor and miscellaneous items.....	800 00	800 00
Totals.....	\$73,025 00	\$73,025 00

Appropriation for 1913-1914.....	\$56,430 00
II. Special Appropriations needed for the year 1915-1916.	
1. Re-roofing Peter White Science Hall with asbestos shingle.....	\$1,050 00
2. Staining light colored brick of new main building to color of stone work.....	600 00
3. Painting the wood-work of the old buildings.....	450 00
4. Lining the gymnasium with pressed brick.....	2,650 00
Total.....	\$4,750 00
III. Totals:	
1. For current expenses each year.....	\$73,025 00
2. For special purposes.....	4,750 00

Respectfully submitted,
JAMES H. KAYE,
President.

WESTERN STATE NORMAL SCHOOL.

KALAMAZOO, MICHIGAN,
October 12, 1914.

The Honorable, The State Board of Education, Lansing, Michigan:

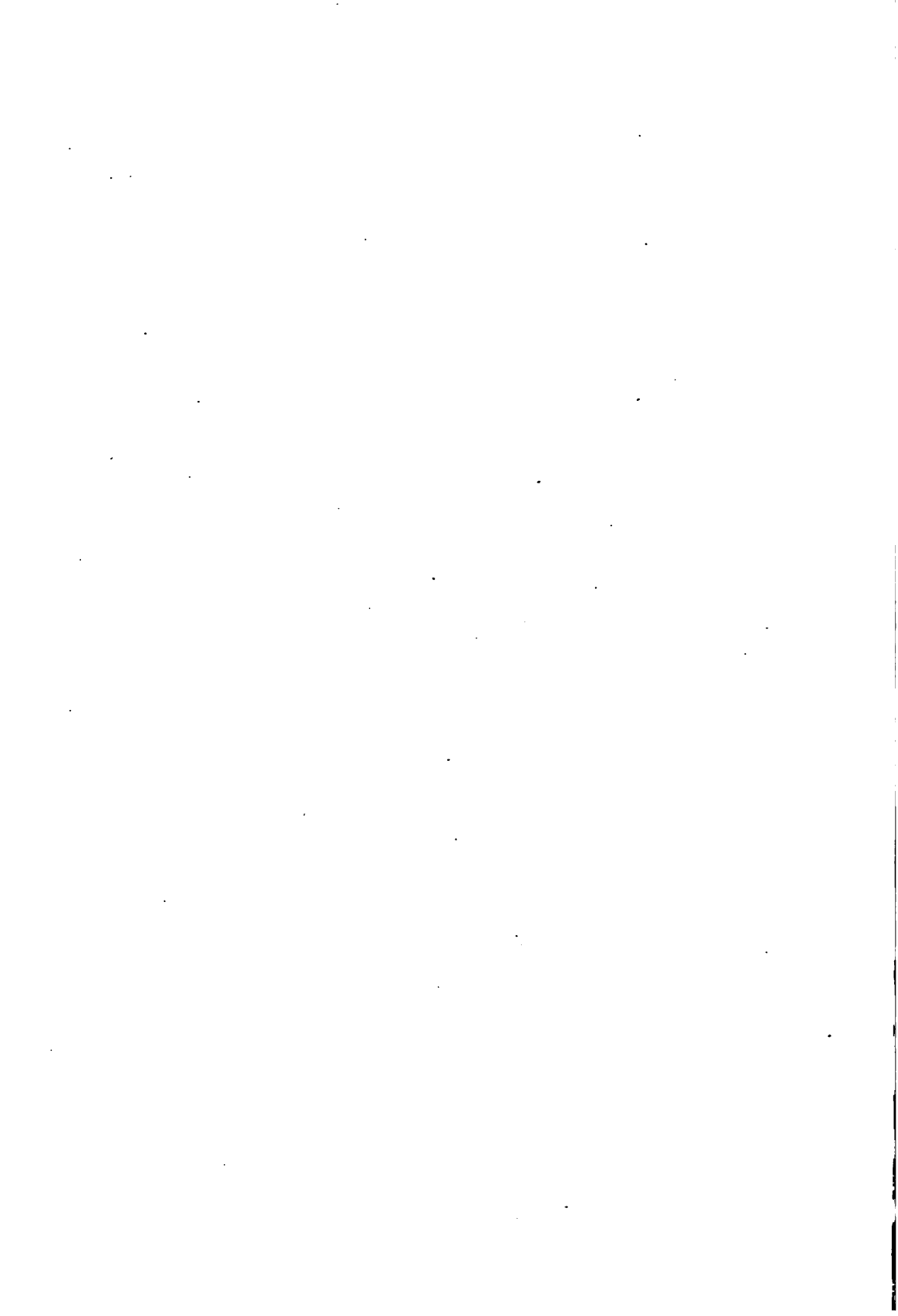
Gentlemen—Herewith is presented an estimate of the appropriations needed for current expenses and for permanent improvements at the Western State Normal School for each of the two years of the biennial period beginning July 1, 1915 and ending June 30, 1917.

I. Salaries of instructors and other employees.....		\$118,700 00
II. Other Current Expenses.....		\$29,908 00
Fuel.....	\$4,000 00	
Light and power.....	1,000 00	
Water.....	500 00	
Library.....	2,000 00	
Magazines and binding.....	750 00	
Laboratories:		
Chemistry.....	\$750 00	
Physics.....	750 00	
Biology.....	750 00	
Geography.....	350 00	
Psychology.....	350 00	
Telephone, rental and toll, and telegraph.....	2,950 00	
General supplies.....	225 00	
Sundry persons account.....	4,850 00	
Alterations and repairs including plumbing.....	1,225 00	
Freight and cartage and express.....	1,000 00	
Furniture.....	300 00	
Pianos.....	1,000 00	
Catalogues and bulletins.....	600 00	
Grounds.....	1,100 00	
Manual training.....	600 00	
Lectures.....	550 00	
Works of art.....	450 00	
Training school supplies and books.....	400 00	
Advertising.....	1,000 00	
Domestic art and science.....	500 00	
Gymnasium equipment.....	200 00	
Postage.....	400 00	
Decorating walls.....	450 00	
Contingent.....	400 00	
Insurance.....	350 00	
Extra labor.....	858 00	
Rural school department.....	600 00	
Library stacks.....	300 00	
Cabinets and cases.....	250 00	
	600 00	
	\$29,908 00	\$148,608 00
III. Special Purposes.....		201,000 00
Improvement of grounds.....	\$4,000 00	
Improvement new athletic field.....	5,000 00	
Manual training building.....	75,000 00	
Equipment for manual training building.....	15,000 00	
Library building.....	75,000 00	
Equipment for library building.....	15,000 00	
Tunnels.....	6,000 00	
Purchase of land.....	6,000 00	
Total.....	\$201,000 00	
SUMMARY OF NEEDS		
Current expenses, two years at \$148,608.00 each.....	\$297,216 00	
Special purposes during biennial period.....	201,000 00	
		\$ 498,216 00

Respectfully,
D. B. WALDO,
President.

REPORT OF TREASURER

JULY 1, 1912, TO JUNE 30, 1914



TREASURER'S REPORT

MICHIGAN STATE NORMAL COLLEGE.

EXHIBIT A.

T. W. Nadal, Treasurer, Dr., for fiscal year ending June 30, 1913.

ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
1912.				
July 1	Former year, balance on hand.....		\$1,020 99
		Legislative appropriations:		
July 13	1127	State Treasurer.....	\$13,750 00	
Aug. 17	1140	State Treasurer.....	13,750 00	
Sept. 18	1141	State Treasurer.....	13,750 00	
Oct. 30	1143	State Treasurer.....	13,750 00	
Nov. 13	1150	State Treasurer.....	13,750 00	
Dec. 23	1151	State Treasurer.....	13,750 00	
1913.				
Jan. 16	1152	State Treasurer.....	13,750 00	
Feb. 19	1161	State Treasurer.....	13,750 00	
Mar. 31	1163	State Treasurer.....	15,834 93	
April 4	1168	State Treasurer.....	13,750 00	
May 25	1176	State Treasurer.....	13,750 00	
June 18	1178	State Treasurer.....	15,830 36	
				169,165 29
1912.		Other sources:		
July 17	1128	Entrance fees.....	\$4,819 00	
	1129	Household Arts fees.....	51 00	
	1130	Manual Training fees.....	131 00	
	1131	Kindergarten fees.....	3 75	
	1132	Laboratory fees.....	23 00	
	1133	Diploma fees.....	104 00	
	1134	Organ fees.....	1 50	
Aug. 6	1135	Diploma fees.....	368 00	
	1136	Manual Training fees.....	1 00	
	1137	Domestic Science fees.....	1 00	
	1138	Organ fees.....	4 50	
	1139	Entrance fees.....	18 00	
Sept. 18	1142	First National Bank, Detroit.....	72 88	
Oct. 18	1144	Diploma fees.....	3 00	
	1145	Household Arts fees.....	200 00	
	1146	Manual Training fees.....	140 00	
	1147	Kindergarten fees.....	43 50	
	1148	Laboratory fees.....	160 50	
	1149	Entrance fees.....	7,371 25	
1913.				
Jan. 7	1153	First National Bank, Detroit, Mich.....	63 54	
Jan. 30	1154	Diploma fees.....	165 50	
	1155	Organ fees.....	15 00	
	1156	Kindergarten fees.....	21 00	
	1157	Household Arts fees.....	197 00	
	1158	Laboratory fees.....	90 50	
	1159	Manual Training fees.....	112 00	
	1160	Entrance fees.....	7,216 25	
Feb. 28	1162	Binney & Smith.....	7 50	
Mar. 28	1164	Manual Training fees.....	3 00	
	1165	Organ fees.....	9 00	
	1166	Entrance fees.....	35 00	
	1167	Diploma fees.....	76 00	

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit A.—Concluded.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
April 25	1169	Entrance fees.....	\$6,852 50	
	1170	Organ fees.....	9 00	
	1171	Manual Training fees.....	118 00	
	1172	Household Arts fees.....	164 00	
	1173	Kindergarten fees.....	18 00	
	1174	Laboratory fees.....	97 00	
	1175	Diploma fees.....	9 00	
May 2	1177	First National Bank, Detroit, Mich.....	46 14	
June 25	1179	First National Bank, Detroit, Mich.....	47 02	
June 27	1180	Diploma fees.....	1,490 50	
	1181	Household Arts fees.....	4 00	
	1182	Entrance fees.....	48 75	
	1183	Laboratory fees.....	50	
	1184	Organ fees.....	18 00	
June 30	1185	Entrance fees.....	4,477 50	
	1186	Manual Training fees.....	138 00	
	1187	Kindergarten fees.....	13 50	
	1188	Diploma fees.....	3 00	
	1189	Laboratory fees.....	19 00	
	1190	Household Arts fees.....	32 00	
	1191	Organ fees.....	3 00	
				\$35,136 58
Total receipts from all sources.....				\$205,322 86

STATE BOARD OF EDUCATION

69

MICHIGAN STATE NORMAL COLLEGE.

EXHIBIT B.

T. W. Nadal, Treasurer, Cr., for fiscal year ending June 30, 1913.

ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
FORMER YEAR.					
1912.					
July 30	13056	C. P. Steimle, Sec.-Reg.....	Sundries.....	\$54 96	
	13057	L. H. Jones.....	Traveling expenses.....	5 02	
	13058	H. R. Pattengill.....	Advertising.....	39 00	
	13059	The Ypsilanti Press.....	Advertising.....	9 00	
	13060	The Detroit Journal Co.....	Advertising.....	33 60	
	13061	High School Life.....	Advertising.....	7 00	
	13062	Eastern Michigan Edison Co....	Lights, repairs.....	77 14	
	13063	Ypsilanti Gas Company.....	Lights, repairs.....	24 62	
	13064	August Moeller & Son.....	Repairs.....	25 00	
	13065	W. F. Waidner.....	Supplies.....	80 00	
	13066	C. King & Company.....	Domestic Science.....	37 29	
	13067	J. B. Russell.....	Drawing.....	6 00	
	13068	Flora Banford.....	Contingent.....	20 00	
	13069	May E. Crane.....	Extra labor.....	10 00	
	13070	Joy V. Wigle.....	Extra labor.....	27 00	
	13071	Wm. Goodell Frost.....	Com. address.....	100 00	
	13072	Jonathan Stanger.....	Repairs.....	92 00	
	13073	Geo. M. Gaudy.....	Supplies.....	18 05	
Aug. 31	13109	The Ypsilanti Press.....	Advertising.....	\$13 10	\$665 68
	13110	Courier-Herald Company.....	Advertising.....	3 85	
	13111	Dorothy C. Rowell.....	Library.....	1 50	
	13112	The Rowima Company.....	Supplies.....	5 45	
	13113	Davis & Kishlar.....	Domestic science.....	27 37	
	13114	Thomas Charles Company.....	Training dept.....	7 05	
	13115	Eberbach & Son Company... {	Natural science.....	13 46	71 78
			Physical science.....		
			Training dept.....		
Oct. 31	13179	Chas. McKenny.....	Traveling expenses.....	\$19 37	
	13180	Emerick Farm Dairy.....	Household arts.....	10 18	
	13181	H. W. Shepherd.....	Household arts.....	45 00	
	13182	North Gass & Son.....	Repairs.....	198 75	
Nov. 29	13241	R. L. Owen, P. M.....	Postage.....	\$10 23	273 30
Total expenditure former year.....					\$1,020 99

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
PRESENT YEAR.					
1912					
July 31	13074	Pay roll.	Salaries.	\$13,370 50	
July 30	13075	C. P. Steimle, Sec.-Reg.	Sundries.	49 48	
	13076	Standard Printing Company	Printing.	118 05	
	13077	A. N. Marquis & Company	Advertising.	25 00	
	13078	Charles M. Sleder	Advertising.	2 50	
	13079	F. L. Shaefer	Repairs.	39 82	
	13080	O. A. Hankinson	Repairs.	16 20	
	13081	Mayer, Schoettle & Schaller Co	Supplies.	81 71	
	13082	F. L. Shaefer & Son	Supplies.	20 00	
	13083	Standard Oil Company	Supplies.	13 23	
	13084	J. George Zwergel	Supplies.	6 00	
	13085	Mack & Mack	Supplies.	3 00	
	13086	J. E. Moore & Company	Supplies.	2 50	
	13087	Scharf Tag, Label & Box Co.	Library	145 35	
	13088	Lencke & Buechner	Library	46 67	
	13089	Library Bureau	Library	6 90	
	13090	The H. W. Wilson Company	Library	4 28	
	13091	August Donalt	Library	1 50	
	13092	F. A. Stokes Company	Training Dept.	3 95	
	13093	Pan American Union	Training Dept.	2 00	
	13094	Warwick & York, Inc.	Training Dept.	1 50	
	13095	Vaughan's Seed Store	Domestic science.	17 42	
	13096	H. J. Caulkins & Company	Manual training	175 00	
	13097	J. E. Engel	Grounds.	36 50	
	13098	Louis R. Killian	Contingent	18 00	
	13099	Sarah P. Stewart	Lettering diplomas.	131 00	
	13100	Elizabeth Cronevelt	Extra labor.	30 00	
	13101	Mrs. Joe Towler	Laundering towels.	16 17	
	13102	H. S. Curtis	Lectures.	150 00	
	13103	A. D. Baughman, P. M.	Postage.	10 62	
Aug. 31	13116	Pay roll.	Salaries.	\$13,466 75	\$14,544 83
	13117	C. P. Steimle, Sec.-Reg.	Sundries.	65 85	
	13118	Eastern Mich. Edison Co.	Repairs, lights.	67 75	
	13119	Ypsilanti Gas Co.	Repairs, lights, fuel	37 62	
	13120	Michigan State Telephone Co.	Rental, repairs.	43 00	
	13121	W. L. McCullough Company	Repairs.	128 00	
	13122	O. A. Hankinson	Repairs.	43 35	
	13123	Pittsburg Plate Glass Co.	Repairs.	4 11	
	13124	Columbia Refining Company	Supplies.	27 56	
	13125	Peninsular Paper Co.	Supplies.	24 95	
	13126	H. D. Mann Company	Supplies.	24 00	
	13127	The Richmond & Backus Co.	Supplies.	20 00	
	13128	George M. Gaudy	Supplies.	20 80	
	13129	J. George Zwergel	Supplies.	10 25	
	13130	Bockstanz Brothers	Supplies.	3 75	
	13131	F. A. Brokhaus	Library	17 70	
	13132	Henry Malkan	Library	1 00	
	13133	William S. Cass	Library	75	
	13134	The Macmillan Company	Training Dept.	1 12	
	13135	John S. Miller	Drawing Dept.	10 00	
	13136	Eberbach & Son Company	Nat. Sc., Phys. Sc.	80 00	
	13137	Chas. W. Seymour	Lectures.	100 00	
	13138	Charles Zueblin	Lectures.	150 00	
	13139	Mrs. Joe Towler	Laundry.	31 41	
	13140	Inez Bayes	Extra labor.	20 00	
	13141	Beatrice Webb	Extra labor.	20 00	
	13142	Anna Rene Compton	Extra labor.	20 00	
Sept. 30	13149	Pay roll.	Salaries.	\$11,749 00	14,439 72
Sept. 27	13150	C. P. Steimle, Sec.-Reg.	Sundries.	38 58	
	13151	High School Life	Advertising.	7 00	
	13152	Eastern Mich. Edison Co.	Repairs, lights.	33 73	
	13153	Anchor Packing Company	Repairs.	15 05	
	13154	Pittsburgh Plate Glass Co.	Repairs.	21 89	
	13155	Martin Dawson	Repairs.	24 96	
	13156	Caxton School Supply Co.	Repairs.	50 40	
	13157	H. R. Scovill Company	Repairs.	73 58	
	13158	Allen Russ	Repairs.	89 30	
	13159	Kenneth Anderson Company	Repairs.	157 07	
	13160	W. F. Waidner	Repairs.	212 49	
	13161	Harry Gilmore	Repairs.	290 75	
	13162	O. A. Hankinson	Repairs.	391 72	

STATE BOARD OF EDUCATION

71

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912					
Sept. 27	13163	Mayer, Schoettle & Schaefer Co	Supplies.....	\$7 65	
	13164	Bockstanz Bros.	Supplies.....	10 00	
	13165	The Lewis Mfg. & Dist. Co.	Supplies.....	22 00	
	13166	Imperial Brush Company.	Supplies.....	32 40	
	13167	F. L. Shaefer.	Supplies.....	126 34	
	13168	American Sanitary Prod. Co.	Supplies.....	188 70	
	13169	J. E. Engel.	Grounds.....	15 00	
	13170	H. Fairchild.	Domestic science.	9 87	
	13171	Sarah P. Stewart.	Lettering diplomas.	47 50	
	13172	The Richmond & Backus Co.	Supplies.....	8 75	
					\$13,623 73
Oct. 31	13183	Pay Roll.	Salaries.....	\$13,847 75	
	13184	C. P. Steimle, Sec.-Reg.	Sundries.....	77 59	
	13185	Ypsilanti Gas Company.	Repairs, lights.	21 42	
	13186	Eastern Mich. Edison Co.	Lights.....	27 47	
	13187	Alex. Y. Malcomson Coal Co.	Fuel.....	1,276 26	
	13188	R. L. Owen, P. M.	Postage.....	200 00	
	13189	Standard Printing Company.	Repairs.....	270 50	
	13190	H. A. Gilmore.	Repairs.....	14 65	
	13191	Electric Appliance Company.	Repairs.....	19 38	
	13192	Kenneth Anderson Company.	Repairs.....	25 06	
	13193	Smith Brothers Company.	Repairs.....	47 32	
	13194	Pittsourg Plate Glass Co.	Repairs.....	53 46	
	13195	W. L. McCullough Company.	Repairs.....	88 67	
	13196	Clarke Brothers.	Repairs, Physical science, supplies.	137 80	
	13197	North Gass & Son.	Repairs.....	140 22	
	13198	O. A. Hankinson.	Repairs.....	255 91	
	13199	C. F. Comstock Drygoods Co.	Supplies.....	7 13	
	13200	L. C. Smith Bros. Type. Co.	Supplies.....	12 00	
	13201	Bockstanz Brothers.	Supplies.....	13 75	
	13202	J. Geo. Zwergel.	Supplies.....	16 30	
	13203	F. H. Nissly.	Supplies, household arts.	16 46	
	13204	F. L. Shaefer.	Supplies.....	32 54	
	13205	C. C. Birchard & Co.	Library.....	340 00	
	13206	Evening Press Company.	Library.....	75	
	13207	A. L. A. Publishing Board.	Library.....	1 20	
	13208	E. Higgins Company.	Library.....	1 32	
	13209	The Richmond & Backus Co.	Library.....	1 55	
	13210	Smithsonian Institution.	Library.....	3 55	
	13211	Library Bureau.	Library.....	19 75	
	13212	Wagenvoord & Company.	Library.....	24 00	
	13213	Scharf Tag, Label & Box Co.	Library supplies.	124 00	
	13214	Chivers Book Binding Co.	Library.....	184 25	
	13215	George Wahr.	Library.....	258 29	
	13216	The Independent.	Training Dept.	2 00	
	13217	A. C. McClurg & Company.	Training Dept.	4 22	
	13218	Peninsular Paper Company.	Training Dept.	13 00	
	13219	Silver Burdett & Company.	Training Dept.	16 72	
	13220	Grinnell Brothers.	Training Dept.	150 00	
	13221	Chope-Stevens Paper Co.	Household arts.	8 23	
	13222	Lamb & Spencer.	Household arts.	8 75	
	13223	Emerick Farm Dairy.	Household arts.	5 12	
	13224	C. King & Company.	Household arts.	71 99	
	13225	Davis & Kishlar.	Manual training.	31 80	
	13226	Mrs. Harry Davis.	Natural science.	1 00	
	13227	Powers & Powers.	Natural science.	1 00	
	13228	A. A. Spfung.	Natural science.	7 00	
	13229	Central Scientific Company.	Physical science.	22 54	
	13230	L. Black Company.	Mathematics.	4 05	
	13231	A. T. Thompson & Company.	Drawing.....	24 00	
	13232	Mrs. Joe Towler.	Laundry.....	9 66	
	13233	Fern M. Russell.	Extra labor.....	16 00	
	13234	D. E. Felt.	Extra labor.....	25 44	
					17,974 82
Nov. 30	13242	Pay roll.	Salaries.....	\$13,715 01	
Nov. 29	13243	C. P. Steimle, Sec.-Reg.	Sundries.....	79 17	
	13244	City of Ypsilanti.	Water tax.	206 62	
	13245	Michigan State Telephone Co.	Telephone rental.	45 92	
	13246	Alex. Y. Malcomson Coal Co.	Fuel.....	455 27	
	13247	Eastern Mich. Edison Co.	Lights, repairs.	254 75	
	13248	Ypsilanti Gas Company.	Lights, repairs.	31 98	
	13249	High School Life.	Advertising.....	7 00	

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912 Nov. 29	13250	Ypsilanti Press.....	Advertising.....	\$0 68	
	13251	O. A. Hankinson.....	Repairs.....	203 82	
	13252	H. A. Gilmore.....	Repairs, Tr. Dept..	189 30	
			Repairs.....		
	13253	F. L. Shaefer & Son.....	Library.....		
			Natural science.....	60 52	
			Physical science.....		
			Domestic science.....		
			Manual training.....		
	13254	W. L. McCullough Company...	Repairs.....	21 15	
	13255	H. R. Scovill Company.....	Repairs, Nat. Sc..	20 08	
	13256	Kenneth Anderson Company...	Repairs.....	9 00	
	13257	The Richmond & Backus Co..	Supplies.....	1 82	
	13258	Standard Oil Company.....	Supplies.....	3 50	
			Repairs.....		
	13259	Switzer Brothers.....	Training Dept.....	13 05	
			Supplies.....		
	13260	Duane Spalsbury.....	Geography.....		
			Supplies, Nurse's		
			supplies.....	29 20	
	13261	J. I. Holcomb Mfg. Co.....	Supplies.....	7 50	
	13262	Lewis-Geer Mfg. Co.....	Supplies.....	7 88	
	13263	American Sanitary Pro. Co..	Supplies.....	10 00	
	13264	F. L. Shaefer.....	Phy. Sc., supplies..	13 53	
	13265	Michigan State Prison.....	Supplies.....	13 75	
	13266	The American Crayon Co.....	Supplies.....	22 00	
			Library.....		
	13267	Standard Printing Company..	Training Dept.....	93 35	
			Supplies.....		
			Gymnasium.....		
			Education.....		
	13268	Clarke Brothers.....	Supplies.....	80 00	
	13269	H. L. Baldwin Company.....	Library.....	1 25	
	13270	Wagenvoord & Company.....	Library.....	1 25	
	13271	E. Higgins Company.....	Library.....	1 32	
	13272	Niel Morrow Ladd Book Co..	Library.....	10 00	
			Library.....		
			Natural science.....		
			Physical Science.....		
	13273	Scharf Tag, Label & Box Co..	Supplies.....	69 65	
			Manual training.....		
			History.....		
			Geography.....		
	13274	The H. W. Wilson Company...	Library.....	37 26	
	13275	Library Bureau.....	Library.....	48 60	
	13276	Lemcke & Buechner.....	Library.....	67 04	
	13277	The Macmillan Company.....	Library.....	4 00	
	13278	American Book Company.....	Training Dept.....	1 00	
	13279	Mrs. Keavy.....	Training Dept.....		
			kindergarten.....	4 86	
	13280	The Macmillan Company.....	Training Dept.....	1 53	
	13281	H. R. Pattengill.....	Training Dept.....	1 25	
	13282	The Outlook Company.....	Training Dept.....	3 00	
	13283	D. Appleton & Company.....	Training Dept.....	3 34	
	13284	Charles Scribner's Sons.....	Training Dept.....	4 32	
	13285	Little, Brown & Company.....	Training Dept.....	4 99	
	13286	Benjamin H. Sanborn & Co..	Training Dept.....	5 67	
	13287	Atkinson, Mentzer & Co.....	Training Dept.....	13 95	
			Drawing.....		
	13288	Mayer, Schoettle & Schairer Co..	Training Dept.....		
			Supplies.....	15 05	
			Gymnasium.....		
	13289	F. D. Beattys & Company.....	Training Dept.....	6 91	
	13290	Scott, Foresman & Company...	Training Dept.....	7 80	
	13291	Houghton, Mifflin Company...	Training Dept.....	7 86	
	13292	Silver Burdett & Company...	Training Dept.....	10 80	
	13293	Western Stoneware Company...	Training Dept.....	13 50	
	13294	Ginn & Company.....	Training Dept.....	14 08	
	13295	Rand, McNally & Company...	Training Dept.....	15 36	
	13296	Acme Publishing Company.....	Training Dept.....	16 80	
	13297	A. C. McClurg & Company...	Training Dept.....	18 24	

STATE BOARD OF EDUCATION

73

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912 Nov. 29	13298	Weinmann-Matthews Co.	Natural science.	\$75 90	
			Physical science.		
			Training Dept.		
			Geography.		
			Library.		
	13299	J. George Zwergel.	Natural science.	61 78	
			Training Dept.		
			Supplies.		
			Manual training.		
			Gymnasium.		
	13300	H. Fairchild.	Geography.	3 95	
			Nurse's supplies.		
			Domestic science.		
	13301	Wilkinson Bros. & Co.	Domestic science.	24 50	
	13302	F. H. Nissly.	Domestic science.	25 00	
			Natural science.		
	13303	C. King & Company.	Physical science.	67 80	
			Training Dept.		
			Supplies.		
			Kindergarten.		
			Domestic science.		
	13304	Davis & Kishlar.	Physical science.	151 49	
			Training Dept.		
	13305	Edward Orton, Jr.	Domestic science.	2 50	
	13306	H. J. Caulkins & Co., Ltd.	Manual training.	2 50	
	13307	Popular Mechanics Co.	Manual training.	3 00	
	13308	A. Flanagan Company.	Training Dept.	11 80	
			Manual training.		
	13309	Voland & Sons.	Physical science.	89 50	
	13310	Thomas Charles Company.	Manual training.	11 24	
	13311	J. L. Hammett Company.	Manual training.	14 70	
	13312	Peninsular Paper Company.	Supplies.	63 75	
	13313	Keuffel & Esser Company.	Manual training.	2 16	
Natural science.					
13314	Atlas School Supply Co.	Natural science.	8 25		
		Natural science.			
13315	Eherbach & Son Co.	Physical science.	59 73		
		Training Dept.			
13316	Devoe & Reynolds Company.	Domestic science.	9 76		
13317	E. T. Shima.	Drawing.	5 66		
13318	The Prang Company.	Drawing.	3 01		
13319	Narragansett Machine Co.	Gymnasium.	2 98		
13320	Henry A. Dreer, Inc.	Grounds.	6 85		
13321	Edward L. Thorndike.	Lecture.	35 00		
13322	Olive Lampman.	Extra labor.	17 75		
13323	Isiah Cayne.	Extra labor.	25 44		
13324	Sina Cayne.	Extra labor.	25 00		
13325	Mrs. Joe Towler.	Laundry.	28 89		
Dec. 31	13328	Pay roll.	Salaries.	\$14,138 25	\$16,846 42
Dec. 27	13329	C. P. Steimle, Sec.-Reg.	Sundries.	81 68	
	13330	Eastern Mich. Edison Co.	Repairs, lights.	372 57	
13331	Ypsilanti Gas Company.	Lights.	206 22		
		Household arts.			
13332	North Gass & Sons.	Repairs.	726 20		
13333	H. A. Gilmore.	Repairs.	153 86		
13334	W. F. Waidner.	Repairs, drawing.	131 11		
13335	W. L. McCullough Co.	Repairs.	61 90		
13336	O. A. Hankinson.	Repairs.	55 18		
13337	Martin Dawson.	Repairs.	6 82		
13338	High School Life.	Advertising.	7 00		
13339	J. E. Engel.	Grounds.	31 38		
13340	The General Film Company.	Supplies.	272 50		
13341	Mayer, Schoettle & Schairer Co.	Supplies.	67 10		
13342	The Detroit Refining Co.	Supplies.	49 20		
13343	The Richmond & Backus Co.	Supplies.	19 60		
		Supplies.			
13344	F. L. Shaefer & Son.	Household arts.	14 12		
		Manual training.			
13345	L. C. Smith & Bros. Type Co.	Supplies.	5 00		
13346	Lemcke & Buechner.	Library.	166 98		

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912 Dec. 27	13347	Scharf Tag, Label & Box Co.	Library..... Natural science..... Training Dept.....	\$70 64	
	13348	Standard Printing Co.....	Library..... Training Dept..... Supplies..... Gymnasium..... Nurse..... Geography.....	62 60	
	13349	George Wahr.....	Library.....	86 06	
	13350	Herbert Putnam.....	Library.....	40 00	
	13351	Library Bureau.....	Library.....	14 40	
	13352	Gaylord Brothers.....	Library.....	8 75	
	13353	American Association for the Advancement of Science.....	Library.....	3 00	
	13354	Chivers Book Binding Co., Inc.	Library.....	1 67	
	13355	American Seating Company.....	Training Dept.....	110 00	
	13356	Peninsular Paper Company.....	Training Dept.....	9 00	
	13357	J. George Zwergel.....	Training Dept..... Supplies.....	8 50	
	13358	A. C. McClurg & Company.....	Training Dept.....	7 87	
	13359	The Macmillan Company.....	Training Dept.....	6 56	
	13360	Ginn & Company.....	Training Dept.....	3 71	
	13361	Doubleday, Page & Co.....	Training Dept.....	3 25	
	13362	Powers & Powers.....	Training Dept.....	2 00	
	13363	Teachers College.....	Training Dept..... Kindergarten.....	1 00	
	13364	Davis & Kishlar.....	Household arts..... Manual training.....	24 81	
	13365	B. F. Drakenfeld & Co.....	Manual training.....	5 10	
	13366	The Thomas K. Lewis Co.....	Manual training..... Natural science..... Training Dept.....	3 00	
	13367	C. King & Company.....	Supplies..... Kindergarten..... Household arts..... Manual training.....	87 59	
	13368	L. R. King & Co.....	Household arts.....	75 00	
	13369	H. Fairchild.....	Household arts.....	30 88	
	13370	John Graham.....	Household arts.....	21 70	
	13371	Emerick Farm Dairy.....	Household arts.....	11 03	
	13372	G. B. Dunlap.....	Household arts.....	3 04	
	13373	Thomas Charles Company.....	Kindergarten..... Manual training.....	87 71	
	13374	Alice Maynard.....	Kindergarten.....	6 75	
	13375	E. Steiger & Company.....	Kindergarten.....	2 95	
	13376	F. H. Nissly.....	Household arts..... Drawing.....	42 44	
	13377	O. C. Baker.....	Drawing.....	8 00	
	13378	School Arts Publishing Co.....	Drawing.....	1 25	
	13379	L. E. Knott Apparatus Co.....	Physical science.....	80 95	
	13380	F. L. Shaefer.....	Physical science..... Supplies.....	43 43	
	13381	Bausch & Lomb Optical Co.....	Physical science.....	21 00	
	13382	Creamery Package Mfg. Co.....	Physical science..... Natural science..... Physical science.....	2 40	
	13383	Clarke Brothers.....	Supplies..... Gymnasium..... Education..... Natural science.....	170 38	
	13384	L. K. Forester.....	Manual training.....	32 91	
	13385	Marine Biological Laboratory.....	Natural science..... Training Dept.....	27 40	
	13386	H. R. Scovill Company.....	Natural science..... Manual training.....	22 11	
	13387	Eberbach & Son Company.....	Natural science..... Physical science..... Household arts.....	21 00	
	13388	F. D. Lambert.....	Natural science..... Library.....	7 25	
	13389	The Rowima Company.....	Natural science..... Kindergarten.....	4 05	
	13390	Duane Spalsbury.....	Nurse.....	6 10	

STATE BOARD OF EDUCATION

75

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912					
Dec. 27	13391	Mrs. Joe Towler.....	Laundry.....	\$46 82	
	13392	Sina Cayne.....	Extra labor.....	25 00	
	13393	H. F. Willard.....	Lecture.....	35 00	
	13394	Dr. Carolyn Geisel.....	Lecture.....	20 00	
	13395	A. D. Baughman, P. M.....	Postage.....	13 50	
					\$17,997 13
1913.					
Jan. 31	13396	Pay roll.....	Salaries.....	\$14,533 09	
Jan. 25	13397	C. P. Steimle, Sec. Reg.....	Sundries.....	104 70	
	13398	Alex. Y. Malcomson Coal Co.....	Fuel.....	475 46	
	13399	Eastern Mich. Edison Co.....	Lights.....	219 62	
	13400	Ypsilanti Gas Co.....	Lights.....	26 16	
	13401	Hartford Steam Boiler Inspection & Insurance Co.....	Ins. on boilers.....	155 60	
	13402	Normal College News.....	Advertising.....	225 00	
	13403	High School Life.....	Advertising.....	7 00	
	13404	H. Z. Wilber.....	Traveling expense.....	10 46	
	13405	Smith Brothers Co.....	Repairs.....	12 25	
	13406	The T. B. Rayl Company.....	Repairs.....	18 70	
	13407	August Moeller & Son.....	Repairs.....	25 00	
	13408	Pittsburg Plate Glass Co.....	Repairs.....	31 07	
	13409	Kenneth Anderson Company.....	Repairs.....	39 57	
	13410	Washtenaw Electric Shop.....	Repairs.....	79 26	
	13411	W. L. McCullough Co.....	Repairs.....	88 67	
	13412	H. R. Scovill Company.....	Repairs.....	103 64	
	13413	F. L. Shaefer.....	Repairs, supplies.....	157 19	
	13414	O. A. Hankinson.....	Repairs.....	164 19	
	13415	H. A. Gilmore.....	Repairs.....	254 75	
	13416	W. F. Waidner.....	Repairs.....	387 78	
	13417	American Sanitary Products Co.....	Supplies.....	117 00	
	13418	L. C. Smith Bros. Type. Co.....	Supplies.....	96 00	
			Training Dept.....		
			Supplies.....		
	13419	J. George Zwergel.....	Kindergarten.....	30 97	
			Manual training.....		
			Gymnasium.....		
			Geography.....		
	13420	Bockstanz Brothers.....	Supplies.....	10 00	
	13421	Mayer, Schoettle & Schairer Co.....	Supplies, Gym.....	5 38	
	13422	Defries Art Store.....	Training Dept.....	41 00	
			Physical science.....		
	13423	Weinmann-Matthews Co.....	Training Dept.....	43 65	
			Manual training.....		
			Geography.....		
	13424	Row, Peterson & Co.....	Training Dept.....	27 79	
	13425	Standard Printing Co.....	Training Dept.....	71 00	
			Supplies.....		
	13426	Binney & Smith Company.....	Training Dept.....	9 00	
	13427	D. Appleton & Company.....	Training Dept.....	6 31	
	13428	Houghton Mifflin Co.....	Training Dept.....	3 26	
			Training Dept.....		
			Supplies.....		
	13429	Davis & Kishlar.....	Household arts.....	25 65	
			Manual training.....		
			History.....		
	13430	American Book Company.....	Training Dept.....	1 94	
	13431	Educational Publishing Co.....	Training Dept.....	1 88	
	13432	American Mathematical Soc.....	Library.....	50	
	13433	F. B. Hartmanft.....	Library.....	65	
	13434	The Boston Book Company.....	Library.....	1 00	
	13435	August Donalt.....	Library.....	3 00	
	13436	Richard E. Dodge.....	Library.....	3 50	
	13437	American Library Ass'n.....	Library.....	5 00	
	13438	Scharf Tag, Label & Box Co.....	Library.....	37 30	
	13439	Luick Brothers & Co.....	Manual training.....	97 89	
	13440	F. H. Nissly.....	Household arts.....	2 75	
	13441	Emerick Farm Dairy.....	Household arts.....	4 43	
	13442	L. B. King & Co.....	Household arts.....	4 50	
	13443	H. Fairchild.....	Household arts.....	18 42	
	13444	Wm. A. Kaun Music Co.....	Kindergarten.....	98	
	13445	Mack & Mack.....	Gymnasium.....	1 50	
	13446	W. & L. E. Gurley.....	Mathematics.....	223 50	
	13447	Duane Spalsbury.....	Nat. Sc., Nurse.....	3 70	
	13448	The Kny-Scheerer Co.....	Natural science.....	11 21	

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Dec. 27	13449	The Linde Air Products Co....	Physical science...	\$1 50	
	13450	George D. Lockwood.....	Physical science...	16 65	
	13451	Western Journal of Education..	Phys. Sc., Sup'es.	29 80	
	13452	Central Scientific Company....	Physical science...	36 00	
	13453	Wagner Bros. & Co.....	Geography.....	6 10	
	13454	Devoe & Reynolds Co.....	Drawing.....	79	
	13455	Wm. W. Hastings.....	Lecture.....	4 00	
	13456	Mrs. Joe Towler.....	Laundry.....	22 38	
	13457	Alonzo Welch.....	Extra labor.....	34 00	
	13458	Sina Cayne.....	Extra labor.....	15 00	
	13459	Milford Starks.....	Extra labor.....	50 88	
	13460	John E. Luidens.....	Extra labor.....	18 00	
	13461	Elizabeth Simpson.....	Extra labor.....	18 00	
					\$18,282 92
Feb. 28	13465	Pay Roll.....	Salaries.....	\$13,286 13	
	13466	C. P. Steimle, Sec.-Reg.....	Sundries.....	88 39	
	13467	Chas. McKenny.....	Traveling expenses.	41 88	
	13468	Alex. Y. Malcomson Coal Co....	Fuel.....	1,406 33	
	13469	Eastern Mich. Edison Co.....	Lights.....	163 95	
	13470	Ypsilanti Gas Company.....	Repairs, lights.....	44 84	
	13471	R. L. Owen, P. M.....	Postage.....	200 00	
	13472	High School Life.....	Advertising.....	7 00	
	13473	Florence Ben Ollie.....	Lecture.....	9 00	
	13474	I. H. S. Service Bureau.....	Lecture.....	25 00	
	13475	Mich. State Telephone Co.....	Telephone rental.....	44 25	
	13476	John G. Worden.....	Grounds.....	7 00	
	13477	Washtenaw Electric Shop.....	Repairs.....	275 36	
	13478	O. A. Hankinson.....	Repairs.....	181 67	
	13479	H. A. Gilmore.....	Repairs.....	32 53	
	13480	F. L. Shaefer.....	Manual training.....	29 58	
	13481	W. F. Waidner.....	Repairs, supplies.....	24 92	
	13482	Johnson Service Company.....	Repairs.....	11 52	
	13483	North Gass & Son.....	Repairs.....	9 08	
	13484	Central Boiler Works.....	Repairs.....	7 00	
	13485	H. R. Scovill Co.....	Repairs.....	4 73	
	13486	The Detroit Refining Co.....	Supplies.....	48 40	
	13487	Mayer, Schoettle & Schairer Co	Supplies, drawing.....	13 39	
	13488	F. K. Rexford & Sons.....	Supplies.....	12 29	
	13489	Lewis-Geer Mfg. Co.....	Supplies.....	3 50	
	13490	The Richmond & Backus Co....	Supplies.....	1 50	
	13491	George Wahr.....	Library.....	460 71	
	13492	Lemcke & Buechner.....	Library.....	298 57	
	13493	Scharf Tag, Label & Box Co....	Library.....		
			Natural science.....		
			Supplies.....	163 70	
			Manual training.....		
	13494	Smithsonian Institution.....	Drawing.....	17 00	
	13495	International Magazine Co.....	Library.....	15 50	
	13496	D. Appleton & Company.....	Library.....	9 75	
	13497	Wagenvoord & Company.....	Library.....	9 35	
	13498	C. Chester Lane.....	Library.....	3 51	
	13499	The Plant World.....	Library.....	3 00	
	13500	Francis Thompson.....	Library.....	2 02	
	13501	Drama League of America.....	Library.....	2 00	
	13502	Chivers Book Binding Co., Inc.	Library.....	1 56	
	13503	E. Higgins Company.....	Library.....	1 31	
	13504	J. George Zwergel.....	Library.....		
			Training Dept.....		
			Supplies.....	115 49	
			Household arts.....		
			Gymnasium.....		
			English.....		
	13505	The Macmillan Company.....	Training Dept.....	10 99	
	13506	Allyn & Bacon.....	Training Dept.....	6 10	
	13507	W. H. Sweet & Son.....	Training Dept.....	34 24	
			Gymnasium.....		
	13508	National Geographical Society..	Training Dept.....	2 50	
	13509	Powers & Powers.....	Training Dept.....	1 00	
	13510	United Shoe Machinery Co.....	Manual training.....	74	
	13511	F. H. Nissly.....	Household arts.....	25 65	
	13512	Emerick Farm Dairy.....	Household arts.....	19 40	
	13513	H. Fairchild.....	Household arts.....	15 97	

STATE BOARD OF EDUCATION

77

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Feb. 28	13514	The T. B. Rayl Company	Household arts.	\$4 30	\$17,703 50
	13515	W. C. Ives	Geography	2 91	
	13516	Thomas Charles Co.	Kindergarten	12 61	
			Manual training		
	13517	Eberbach & Son Co.	Natural science	76 62	
			Physical science		
	13518	A. A. Spung	Training Dept.	7 50	
			Manual training		
	13519	Footo Mineral Company	Natural science	5 85	
	13520	L. K. Foerster	Natural science	5 75	
	13521	F. D. Lambert	Natural science	3 09	
	13522	Mrs. J. E. Warner	Natural science	2 45	
	13523	Wm. Gaertner & Company	Physical science	3 57	
	13524	The Grasselli Chemical Co.	Physical science	2 82	
			Physical science		
	13525	Davis & Kishlar	Training Dept.	71 41	
			Kindergarten		
	13526	Narragansett Machine Co.	Household arts.		
			Manual training		
	13527	Soule Art. Publishing Co.	Gymnasium	3 07	
	13528	Sarah P. Stewart	Drawing	1 60	
	13529	Mrs. Joe Towler	Lettering diplomas	15 75	
	13530	Milford Starks	Laundry	52 99	
	13531	Alonzo Welch	Extra labor	59 36	
	13532	Sina Cayne	Extra labor	32 00	
	13533	Olive Lampman	Extra labor	25 00	
	13534	J. E. Luidens	Extra labor	14 25	
	13535	Standard Printing Co.	Extra labor	9 50	
			91 80		
Mar. 31	13536	Pay roll	Salaries	\$14,533 09	
Mar. 29	13537	C. P. Steimle, Sec.-Reg.	Sundries	101 34	
	13538	B. L. D'Ooge	Traveling expenses	9 85	
	13539	S. B. Laird	Traveling expenses	4 00	
	13540	High School Life	Advertising	7 00	
	13541	Ypsilanti Gas Company	Lights, repairs	55 43	
	13542	H. R. Scovill Company	Repairs, supplies	23 28	
	13543	Pittsburg Plate Glass Co.	Repairs	3 57	
	13544	Jonathan Stanger	Repairs	3 00	
			Library		
	13545	Standard Printing Company	Natural science	48 70	
			Supplies		
			Dean		
			Library		
	13546	J. George Zwergel	Natural science		
			Training Dept.		
			Supplies		
			Kindergarten	26 35	
	13547	Lewis-Geer Mfg. Co.	Household arts		
			Gymnasium		
			Dean		
			Drawing		
	13548	Standard Oil Company	Supplies	12 50	
	13549	The Richmond & Backus Co.	Supplies	5 75	
	13550	Scharf Tag, Label & Box Co.	Supplies	2 66	
	13551	Chivers Book Binding Co., Inc.	Library	160 95	
	13552	American Political Science Association	Library	26 35	
	13553	Religious Education Ass'n.	Library	3 00	
			Library	3 00	
13554	F. L. Shaefer & Son	Natural science			
		Physical science			
		Training Dept.			
		Supplies	42 51		
13555	Joseph Dixon Crucible Co.	Household arts			
		Manual training			
13556	Charles E. Merrill Co.	Drawing			
13557	Allyn & Bacon	Training Dept.	15 00		
13558	Grinnell Brothers	Training Dept.	7 20		
13559	Warwick & York, Inc.	Training Dept.	5 60		
13560	The H. H. Tanner Company	Training Dept.	2 50		
			1 50		
			60		

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Mar. 29	13561	C. King & Company	Natural science.	\$169 19	
			Physical science.		
	13562	Emerick Farm Dairy	Training Dept.		
	13563	F. H. Nissly	Supplies		
	13564	H. Fairchild	Household arts	24 63	
	13565	Alban & Augustus	Household arts	11 40	
	13566	Thomas Charles Co.	Household arts	6 46	
	13567	The T. B. Rayl Company	Natural science	2 11	
	13568	The Thomas K. Lewis Co.	Household arts	9 40	
	13569	J. L. Hammett Company	Manual training	4 00	
	13570	Elmer & Amend	Manual training	3 72	
	13571	L. E. Knott Apparatus Co.	Manual training	1 40	
	13572	Central Scientific Company	Physical science	79 50	
	13573	Moloney Electric Company	Physical science	76 24	
	13574	The U. S. Aluminum Co.	Physical science	35 50	
	13575	Battle Creek Sanitarium	Physical science	13 00	
	13576	Duane Spalsbury	Physical science	2 20	
			Natural science	75	
	13577	Alice Maynard	Natural science		
	13578	W. & L. E. Gurley	Gymnasium	20 95	
	13579	McIntosh Stereopticon Co.	Nurse		
	13580	Millford Starks	Kindergarten	2 92	
	13581	Alonzo Welch	Mathematics	37 60	
	13582	Sina Cayne	Geography	1 10	
	13583	Olive Lampman	Extra labor	59 36	
	13584	J. E. Luidens	Extra labor	23 00	
	13585	Mrs. Joe Towler	Extra labor	20 00	
	13586	R. C. Kingsley	Extra labor	15 50	
	13587	F. C. Warriner	Extra labor	10 00	
			Laundry	55 55	
			Lecture	14 80	
			Lecture	6 92	
April 30	13588	Pay roll	Salaries	\$13,838 85	\$15,811 93
April 26	13589	C. P. Steimle, Sec.-Reg.	Sundries	95 79	
	13590	Eastern Mich. Edison Co.	Repairs, lights	445 55	
	13591	Ypsilanti Gas Company	Repairs, lights	37 34	
	13592	Alex. Y. Malcomson Coal Co.	Fuel	1,296 76	
	13593	Rudolf Tombo, Jr.	Lecture	25 00	
	13594	Ida G. Hintz	Traveling expenses	7 24	
	13595	F. B. McKay	Traveling expenses	3 48	
	13596	H. C. Rankin	Advertising	100 00	
	13597	H. R. Pattengill	Advertising	39 00	
	13598	High School Life	Advertising	7 00	
	13599	O. A. Hankinson	Repairs	218 67	
	13600	R. L. Owen, P. M.	Postage	200 00	
	13601	W. L. McCullough Co.	Repairs	74 20	
	13602	H. A. Gilmore	Repairs	60 80	
	13603	Kenneth Anderson Company	Repairs	50 02	
	13604	Luick Brothers & Company	Repairs	42 21	
	13605	W. F. Waldner	Repairs	36 06	
	13606	Pittsburgh Plate Glass Co.	Repairs	30 88	
	13607	H. M. Hooker Company	Repairs	9 21	
	13608	W. M. Welch Mfg. Co.	Supplies	792 50	
	13609	Clarke Brothers	Training Dept.		
			Supplies		
			Household arts	172 85	
			Gymnasium		
			Mathematics		
	13610	Mayer, Schoettle & Schairer Co.	Supplies	78 21	
	13611	Standard Printing Company	Training Dept.		
			Supplies	62 00	
	13612	Michigan Schoolmasters' Club	Supplies	50 00	
	13613	F. L. Shaefer	Supplies	44 05	
	13614	Peninsular Paper Co.	Training Dept.		
			Supplies	32 60	
			Supplies		
	13615	H. R. Scovill Company	Kindergarten	34 69	
	13616	American Oil Company	Supplies	6 01	
	13617	C. F. Comstock Dry Goods Co.	Supplies	5 40	
	13618	George Wahr	Library	89 67	
	13619	Lemcke & Buechner	Library	83 82	
	13620	John E. Calfee	Library	5 00	

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 April 26					
	13621	Herbert Putnam.....	Library.....	\$20 00	
	13622	The Macmillan Company.....	Library.....	4 00	
	13623	Frank C. Wallace.....	Library.....	3 00	
	13624	Clarence W. Bowen.....	Library.....	3 00	
	13625	Publishers' Weekly.....	Library.....	2 50	
	13626	Henry Maikan.....	Library.....	2 00	
	13627	National Education Ass'n.....	Library.....	2 00	
	13628	D. C. Heath & Company.....	Library.....	1 96	
	13629	The Uni. of Chicago Press.....	Library.....	1 35	
	13630	Mich. Agricultural College.....	Library.....	95	
			Natural science.....		
	13631	J. George Zwergel.....	Physical science.....		
			Training Dept.....	14 84	
			English.....		
	13632	D. Appleton & Co.....	Training Dept.....	12 00	
			Training Dept.....		
	13633	Davis & Kishlar.....	Household arts.....	18 85	
			Manual training.....		
	13634	Thomas Charles Company.....	Training Dept.....	13 24	
			Kindergarten.....		
	13635	Mrs. Harry Davis.....	Training Dept.....	4 00	
	13636	Houghton-Mifflin Company.....	Training Dept.....	3 28	
	13637	Educational Review Pub. Co.....	Training Dept.....	3 00	
	13638	Charles Scribner's Sons.....	Training Dept.....	1 13	
	13639	Library Bureau.....	Library.....	21 25	
			Household arts.....		
	13640	F. H. Nissly.....	Household arts.....	11 30	
	13641	Mrs. Lee Fuller.....	Household arts.....	9 07	
	13642	H. Fairchild.....	Household arts.....	6 31	
	13643	Eberbach & Son Co.....	Natural science.....	33 85	
			Physical science.....		
			Library.....		
	13644	Scharf Tag, Label & Box Co.....	Natural science.....	29 05	
			Manual training.....		
			Geography.....		
	13645	Henry A. Dreer, Inc.....	Natural science.....	13 59	
	13646	E. Steiger & Company.....	Kindergarten.....	64	
	13647	The Kny-Scheerer Co.....	Natural science.....	7 67	
	13648	Rand, McNally & Co.....	Geography.....	3 60	
	13649	Keuffel & Esser Company.....	Geography.....	2 75	
	13650	Mrs. Joe Towler.....	Laundry.....	34 30	
	13651	Milford Starks.....	Extra labor.....	48 76	
	13652	Isiah Cayne.....	Extra labor.....	29 68	
	13653	Alonzo Welch.....	Extra labor.....	22 50	
	13654	Olive Lampman.....	Extra labor.....	15 50	
	13655	Sina Cayne.....	Extra labor.....	15 00	
	13656	Harry Stockdale.....	Extra labor.....	10 60	
	13657	J. E. Luidens.....	Extra labor.....	9 50	
					\$18,510 88
May 31					
	13659	Pay roll.....	Salaries.....	\$14,237 95	
	13660	C. P. Steimle, Sec.-Reg.....	Sundries.....	100 32	
	13661	O. E. Thompson & Sons.....	Fuel.....	37 54	
	13662	Eastern Mich. Edison Co.....	Repairs, lights.....	99 66	
	13663	Ypsilanti Gas Company.....	Repairs, fuel, lights.....	29 58	
	13664	The Ann Arbor Press.....	Printing.....	1,063 30	
	13665	Evening News Association.....	Advertising.....	18 90	
	13666	The Detroit Free Press.....	Advertising.....	14 04	
	13667	High School Life.....	Advertising.....	7 00	
	13668	Mich. State Telephone Co.....	Telephone rental.....	47 50	
	13669	Kenneth Anderson Company.....	Repairs.....	157 24	
	13670	W. F. Waldner.....	Repairs.....	74 00	
	13671	O. A. Hankinson.....	Repairs.....	41 21	
	13672	H. R. Scovill Company.....	Repairs.....	19 55	
	13673	Pittsburg Plate Glass Co.....	Repairs.....	9 43	
	13674	Martin Dawson.....	Repairs.....	3 65	
	13675	American Seating Co.....	Supplies.....	244 40	
			Training Dept.....		
	13676	Standard Printing Co.....	Supplies.....	111 25	
			Household arts.....		
			Gymnasium.....		
			Training Dept.....		
	13677	F. L. Shaefer.....	Supplies.....	75 49	
			Mathematics.....		

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 May 31					
	13678	J. George Zwergel	Training Dept. Supplies Kindergarten Manual training Drawing Geography Supplies	\$50 78	
	13679	H. A. Gilmore	Manual training Supplies	15 20	
	13680	Lewis-Geer Mfg. Co.	Supplies	12 50	
	13681	L. C. Smith & Bros. Type Co.	Supplies	12 00	
	13682	The Richmond & Backus Co.	Supplies	5 74	
	13683	Standard Supply Company	Supplies	5 00	
	13684	Mayer, Schoettle & Schairer Co	Supplies	1 35	
	13685	Fathfinder Publishing Co.	Supplies	1 00	
	13686	Scharf Tag, Label & Box Co.	Library	92 90	
	13687	The Boston Book Co.	Library	7 39	
	13688	School Arts Publishing Co.	Library	5 00	
	13689	Ginn & Company	Library	2 70	
	13690	E. Higgins Company	Library	1 31	
	13691	American Association for Labor Legislation	Library Natural science Physical science Supplies	1 00	
	13692	C. King & Co.	Household arts Physical science Training Dept.	97 75	
	13693	Davis & Kishlar	Supplies Household arts Manual training	96 69	
	13694	Chope-Stevens Paper Co.	Household arts	4 28	
	13695	L. B. King & Co.	Household arts	85	
	13696	The J. C. Goss Company	Training Dept.	18 00	
	13697	Atkinson, Mentzer & Co.	Training Dept.	5 40	
	13698	Frank D. Beattys & Co.	Training Dept.	2 26	
	13699	D. A. Wright	Training Dept.	2 00	
	13700	Pan American Union	Training Dept.	2 00	
	13701	Silver Burdette & Co.	Training Dept.	1 80	
	13702	Nissly, Webb & Marrs	Training Dept.	77	
	13703	Abbe Engineering Co.	Manual training	32 50	
	13704	Thomas Charles Company	Manual training	8 52	
	13705	A. A. Spung	Natural science Training Dept.	4 38	
	13706	Powers & Powers	Natural science	1 00	
	13707	S. A. Curtis	Mathematics	6 40	
	13708	Mrs. Joe Towler	Laundry	55 65	
	13709	Isiah Cayne	Extra labor	37 10	
	13710	Alonzo Welch	Extra labor	29 00	
	13711	Sina Cayne	Extra labor	20 00	
	13712	Olive C. Lampman	Extra labor	19 50	
	13713	J. E. Luidens	Extra labor	11 00	
	13714	Malvina McCamman	Extra labor	6 00	
	13715	E. O. Marsh	Lecture	5 00	
	13716	E. P. Cummings	Lecture	5 00	
	13717	Ruth Lathers	Tuition refunded	5 00	
	13718	E. L. Clark	Tuition refunded	5 00	
	13719	The Recorder Press Co.	Printing	3 00	
June 30	13720	Pay roll	Salaries	\$13,803 85	\$17,091 73
June 27	13721	C. P. Steimle, Sec.-Reg.	Sundries	96 60	
	13722	Alex. Y. Malcomson Coal Co.	Fuel	2,812 69	
	13723	Ypsilanti Gas Company	Repairs, lights	37 46	
	13724	Eastern Mich. Edison Co.	Repairs, lights	149 57	
	13725	City of Ypsilanti	Water tax	401 98	
	13726	R. L. Owen, P. M.	Postage	300 00	
	13727	F. E. Westfall	Medical Exams	100 00	
	13728	Ellen B. Murry	Medical Exams	100 00	
	13729	Normal College News	Advertising	352 50	
	13730	Crane & McGlennen	Advertising	18 96	
	13731	The School Century	Advertising	13 50	
	13732	High School Life	Advertising	7 00	
	13733	O. A. Hankinson	Repairs	102 98	
	13734	W. F. Waldner	Repairs	98 30	

STATE BOARD OF EDUCATION

81

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 June 27					
	13735	Jonathan Stanger.....	Repairs.....	\$75 00	
	13736	Shafer Hardware Co.....	Repairs.....	81 49	
		Store No. 1.....	Supplies.....		
	13737	Kenneth Anderson Company...	Repairs.....	22 50	
	13738	Maire Paint Company.....	Repairs.....	15 20	
	13739	H. B. Scovill Company.....	Repairs.....	1 80	
			Supplies.....		
	13740	Shaefer Hardware Co.....	Household arts.....	181 03	
			Manual training.....		
	13741	The Mayer-Schairer Co.....	Gymnasium.....	77 87	
	13742	Emily H. Keavy.....	Supplies.....	36 50	
			Manual training.....		
	13743	Martin Dawson.....	Supplies.....	30 00	
			Manual training.....		
	13744	Standard Oil Company.....	Supplies.....	6 90	
	13745	Lemcke & Buechner.....	Library.....	62 05	
	13746	George Wahr.....	Library.....	47 99	
			Library.....		
	13747	Scharf Tag, Label & Box Co.	Supplies.....	42 90	
			Manual training.....		
			Drawing.....		
	13748	Library Bureau.....	Geography.....	19 80	
	13749	F. A. Brockhaus.....	Library.....	9 54	
	13750	Jno. C. Fischer Company.....	Library.....	7 70	
	13751	G. Broes VanDort Company.....	Library.....	5 40	
	13752	The H. W. Wilson Company.....	Library.....	4 26	
	13753	The Tabard Inn Book Co.....	Library.....	3 98	
			Library.....		
	13754	J. George Zwergel.....	Training Dept.....	13 05	
			Supplies.....		
	13755	F. D. Crawshaw.....	Library.....	1 00	
	13756	Standard Printing Co.....	Training Dept.....	87 25	
			Supplies.....		
	13757	The Rowima Company.....	Training Dept.....	7 72	
			Kindergarten.....		
	13758	F. H. Nissly.....	Training Dept.....	13 49	
			Household arts.....		
	13759	D. Appleton & Company.....	Training Dept.....	1 55	
			Training Dept.....		
	13760	Duane Spalsbury.....	Gymnasium.....	19 30	
			Nurse.....		
	13761	The Macmillan Company.....	Training Dept.....	1 14	
			Natural science.....		
	13762	C. King & Company.....	Training Dept.....	80 77	
			Kindergarten.....		
	13763	Mrs. Lee Fuller.....	Household arts.....	9 45	
	13764	H. Fairchild.....	Household arts.....	9 37	
	13765	Longmans Green & Co.....	History.....	4 50	
	13766	Henry Holt & Company.....	History.....	2 20	
			Natural science.....		
	13767	Bausch & Lomb Optical Co..	Physical science.....	351 13	
			Training Dept.....		
	13768	Ward's Nat. Sc. Establishment	Natural science.....	22 89	
			Natural science.....		
			Physical science.....		
	13769	Weinmann-Matthews Co.....	Training Dept.....	99 44	
			Gymnasium.....		
			Geography.....		
			Natural science.....		
	13770	Eberbach & Son Co.....	Physical science.....	36 56	
			Training Dept.....		
	13771	Floyd Markham.....	Manual training.....	3 00	
			Natural science.....		
	13772	F. A. Norton.....	Natural science.....	5 45	
			Training Dept.....		
	13773	Fred A. Maulbetsch.....	Natural science.....	14 35	
			Household arts.....		

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit B.—Concluded.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 June 27					
	13774	Davis & Kishlar	Natural science..... Training Dept..... Supplies.....	\$29 96	
	13775	Henry A. Dreer, Inc.	Household arts.....	95	
	13776	Everett W. Wiard.....	Natural science..... Physical science..... Physical science.....	2 50	
	13777	Clarke Brothers.....	Training Dept..... Supplies..... Household arts..... Gymnasium.....	36 48	
	13778	E. E. Ferguson.....	Lecture.....	7 00	
	13779	A. N. Cody.....	Lecture.....	5 00	
	13780	H. R. Pattengill.....	Lecture.....	5 00	
	13781	C. F. Chadsey.....	Lecture.....	5 00	
	13782	F. B. McKay.....	Traveling expenses.....	6 80	
	13783	Maude Benjamin.....	Traveling expenses.....	6 78	
	13784	Emma R. Cross.....	Traveling expenses.....	1 58	
	13785	Mrs. Joe Towler.....	Laundry.....	40 52	
	13786	Sarah P. Stewart.....	Engrossing Dip.....	7 25	
	13787	Elizabeth F. Simpson.....	Extra labor.....	25 00	
	13788	Olive C. Lampman.....	Extra labor.....	23 00	
	13789	Alonzo Welch.....	Extra labor.....	22 00	
	13790	Sina Cayne.....	Extra labor.....	20 00	
	13791	Edith C. Burt.....	Extra labor.....	13 75	
	13792	J. E. Luidens.....	Extra labor.....	10 50	
					\$20,179 78
Total disbursements for present year.....					\$203,007 39
Total disbursements for the year:					
From former year.....					\$1,020 99
From present year.....					203,007 39
Balance on hand for new former year fund.....					1,294 48
Balancing receipts for the year.....					\$205,322 86

STATE BOARD OF EDUCATION

83

MICHIGAN STATE NORMAL COLLEGE.

EXHIBIT C.

T. W. Nadal, Treasurer, Dr., for fiscal year ending June 30, 1914.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of Receipt.	Of whom received.	Amount.	Total.
1913.				
July 1		Balance on hand for former year fund		\$1,294 48
Aug. 30		To correct triplicate No. 1178		02
		Legislative appropriations:		\$1,294 50
July 20	1192	State Treasurer	\$15,416 66	
Aug. 21	1195	State Treasurer	15,416 66	
Sept. 20	1199	State Treasurer	15,416 66	
Oct. 20	1201	State Treasurer	15,416 66	
Nov. 21	1209	State Treasurer	15,416 66	
Dec. 15	1211	State Treasurer	15,416 66	
1914.				
Jan. 21	1217	State Treasurer	15,416 66	
Feb. 23	1229	State Treasurer	2,080 98	
	1230	State Treasurer	15,416 66	
Mar. 27	1231	State Treasurer	15,416 66	
April 24	1233	State Treasurer	15,416 66	
May 26	1246	State Treasurer	15,416 66	
June 19	1248	State Treasurer	15,416 74	187,080 98
1913.		Other sources:		
Aug. 21	1197	Entrance fees	\$60 50	
	1198	Diploma fees	426 50	
Oct. 25	1200	Detroit First National Bank	69 53	
Oct. 13	1202	Entrance fees	7,137 50	
	1203	Manual Training fees	122 00	
	1204	Household Arts fees	154 00	
	1205	Kindergarten fees	39 00	
	1206	Organ fees	12 00	
	1207	Diploma fees	21 00	
	1208	Laboratory fees	129 00	
Dec. 22	1212	Diploma fees	182 00	
	1213	Entrance fees	47 50	
	1214	Organ fees	6 00	
	1215	Manual training fees	1 00	
	1216	Laboratory fees	50	
1914.				
Jan. 23	1218	Entrance fees	6,876 25	
	1219	Manual training fees	132 00	
	1220	Household arts fees	124 00	
	1221	Laboratory fees	124 00	
	1222	Kindergarten fees	18 75	
	1223	Organ fees	18 00	
	1224	Diploma fees	2 00	
	1225	Laboratory breakage fees	28 45	
April 24	1234	Charles McKenny	40	
	1235	First National Bank, Detroit	176 82	
April 28	1236	Entrance fees	6,545 00	
	1237	Diploma fees	139 50	
	1238	Manual training fees	131 00	
	1239	Household arts fees	108 00	
	1240	Laboratory fees	103 00	
	1241	Breakage	30 50	
	1242	Organ fees	21 00	
	1243	Kindergarten fees	15 75	
June 25	1249	Diploma fees	1,542 00	
	1250	Entrance fees	68 75	
	1251	Laboratory breakage	15 25	
	1252	Organ fees	12 00	
	1253	Household arts fees	4 00	
	1254	Manual training fees	3 00	
	1255	Kindergarten fees	2 25	
	1256	Laboratory fees	1 00	
June 30	1257	Entrance fees	2,594 25	
June 30	1258	Land grant interest	2,427 82	29,672 77
Total receipts				\$218,048 25

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

EXHIBIT D.

T. W. Nadal, Treasurer, Cr., for fiscal year ending June 30, 1914.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913.		FORMER YEAR.			
July 28	13793	C. P. Steimle, Sec.-Reg.	Sundries	\$64 57	
	13794	W. F. Waldner	Repairs	49 02	
	13795	August Moeller & Son	Repairs	25 00	
	13796	O. A. Hankinson	Repairs	7 56	
	13797	Mrs. B. W. Peet	Contingent	66 80	
	13798	George M. Gaudy	Contingent	8 50	
	13799	Ypsilanti Gas Company	Lights	22 96	
	13800	J. E. Engel	Grounds	59 78	
	13801	H. R. Pattengill	Advertising	39 00	
	13802	High School Life	Advertising	7 00	
	13803	I. F. King	Advertising	3 00	
	13804	Wright, Kay & Company	Printing	34 40	
	13805	Standard Printing Co.	Library Training Dept. Supplies	153 60	
	13806	American Oil Co.	Supplies	9 51	
	13807	Emerick Farm Dairy	Household arts	21 10	
	13808	H. Fairchild	Household arts	3 70	
	13809	J. George Zwergel	Training Dept. Supplies Manual training	10 42	
	13810	United Shoe Machinery Co.	Manual training	75	
	13811	A. J. Nystrom & Co.	History	32 00	
	13812	James E. Russell	Inaug. address	150 00	
	13813	Albion W. Small	Com. address	68 00	
	13814	Sarah P. Stewart	Engrossing Dip.	118 25	
	13815	Harry L. White	Engrossing Dip.	23 25	
	13816	Mrs. Joe Towler	Laundry	39 63	
	13817	May E. Crane	Extra labor	40 00	
	13818	A. Welch	Extra labor	31 00	
	13819	Edith C. Burt	Extra labor	20 00	
	13820	Olive C. Lampman	Extra labor	17 75	
	13821	Ruey A. Yeatman	Extra labor	13 95	
	13822	Laney White	Extra labor	13 50	
	13823	Vera Mowrer	Extra labor	11 55	
	13824	J. E. Luldens	Extra labor	7 00	
	13825	Erma Kline	Tuition refunded	5 00	
Aug. 30	13853	Eastern Mich. Edison Co.	Repairs, lights	\$104 08	\$1,177 55
Oct. 31	13921	Standard Printing Co.	Printing	\$12 87	104 08
1913.		PRESENT YEAR.			12 87
July 28	13826	Pay roll	Salaries	\$14,553 66	\$1,294 50
	13827	C. P. Steimle, Sec.-Reg.	Sundries	16 46	
	13828	Columbia Phonograph Co.	Training Dept. Supplies	345 75	
	13829	Shaefer Hardware Co.	Supplies	37 70	
	13830	E. W. A. Rowles	Supplies	25 00	
	13831	Smith Brothers	Supplies	19 00	
	13832	Martin Dawson	Supplies	5 10	
	13833	The Mayer-Schairer Co.	Supplies	1 35	
	13834	The American Schoolmaster	Training Dept. Repairs Training Dept. Supplies Household arts Gymnasium	35 00	
	13835	Switzer Brothers	Supplies Household arts Gymnasium	21 25	
	13836	Educational review	Training Dept.	3 00	
	13837	The Storytellers Magazine	Training Dept.	1 00	
	13838	Fanny Dudley	Manual training	15 10	
	13839	H. A. Gilmore	Manual training	7 70	
	13840	Eberbach & Son Co.	Physical science	41 82	
	13841	Narragansett Machine Co.	Gymnasium	3 63	
	13842	Earl Barnes	Lectures	200 00	
	13843	J. A. Blosser	Lecture	50 00	
	13844	Edith C. Burt	Extra labor	10 00	
Aug. 30	13854	Pay roll	Salaries	\$15,249 14	15,392 52
	13855	C. P. Steimle, Sec.-Reg.	Sundries	78 36	

STATE BOARD OF EDUCATION

85

MICHIGAN STATE NORMAL COLLEGE.

Exhibit D.—Continued.

Date.	No. of Voucher.	Payee.	For what object.	Amount.	Total.
1913. Aug. 30	13856	Davis & Kishlar.....	Training Dept. Supplies. Household arts. Manual training. Library. Lectures.	\$300 92 46 50 80 00 3 00 3 00 3 00	
	13857	Chivers Book Binding Co.	Tuition refunded.	3 00	
	13858	Chas. W. Seymour.	Tuition refunded.	3 00	
	13859	Effie Sutherland.	Tuition refunded.	3 00	
	13860	Helen A. Wilson.	Extra labor.	30 00	
	13861	Ione C. Carpenter.	Extra labor.	31 25	
	13862	Lois Johnson.	Extra labor.	38 00	
	13863	Edith Burt.	Laundry.	36 68	
	13864	Alonzo Welch.			
	13865	Mrs. Joe Towler.			
Sept. 30 Sept. 26	13876	Pay roll.	Salaries.	\$13,685 15	\$15,899 85
	13877	C. P. Steimle, Sec.-Reg.	Sundries.	35 85	
	13878	Eastern Mich. Edison Co.	Repairs, lights.	76 19	
	13879	Ypsilanti Gas Co.	Fuel, lights.	46 60	
	13880	J. E. Engel.	Grounds.	62 13	
	13881	The Detroit Journal Co.	Advertising.	25 20	
	13882	Crane & McGlenen.	Advertising.	8 76	
	13883	High School Life.	Advertising.	7 00	
	13884	Standard Printing Co.	Training Dept. Supplies. Nurse.	144 50 87 18 78 00	
	13885	O. E. Thompson & Sons.	Supplies.	52 80	
	13886	West Disinfecting Co.	Supplies.	44 78	
	13887	The Atlas Mills.	Supplies.	39 90	
	13888	H. R. Scovill Co.	Supplies.	38 13	
	13889	Peninsular Paper Co.	Supplies.	32 50	
	13890	Theo. B. Robertson Soap Co.	Supplies.	31 50	
	13891	Bockstanz Bros.	Supplies.	12 50	
	13892	The Mayer-Schairer Co.	Supplies.	12 00	
	13893	Lewis-Geer Mfg. Co.	Supplies.	11 20	
	13894	Kee Lox Manufacturing Co.	Supplies.	9 20	
	13895	F. H. Nissly.	Supplies.	9 00	
	13896	Pontiac Brush Co.	Repairs.	5 75	
	13897	L. C. Smith & Bros. Type. Co.	Supplies.	8 00	
	13898	Standard Oil Co.	Library.		
	13899	New York Times Index.	Library.		
	13900	J. George Zwergel.	Natural science. Training Dept. Supplies.	2 72 1 62 95 77	
	13901	Alban & Augustus.	English. Household arts. Repairs.	8 40 3 03 10 32	
	13902	Shaefer Hardware Co.	Training Dept. Household arts. Manual training.	33 15 46 00 15 00	
	13903	Mrs. D. C. Rappleye.	Extra labor.	10 00	
	13904	The Thomas K. Lewis Co.	Postage.	21 24	
	13905	John C. Fischer Co.			
	13906	W. H. Sweet & Son.			
	13907	Sarah P. Stewart.			
	13908	Sina Cayne.			
	13909	Iva Holmes.			
	13910	F. N. Green, P. M.			
Oct. 31	13922	Pay roll.	Salaries.	\$15,779 21	14,811 07
	13923	C. P. Steimle, Sec.-Reg.	Sundries.	146 66	
	13924	Ohio & Michigan Coal Co.	Fuel.	1,658 61	
	13925	J. E. Engel.	Hauling coal.	195 50	
	13926	Eastern Mich. Edison Co.	Repairs, lights.	146 82	
	13927	Michigan State Telephone Co.	Telephone rental.	47 50	
	13928	R. L. Owen, P. M.	Postage.	200 00	
	13929	The Detroit Free Press.	Advertising.	50 40	
	13930	Evening News Association.	Advertising.	37 80	
	13931	Ypsilanti Press.	Printing.	36 50	
	13932	Grand Rapids Herald.	Advertising.	25 00	
	13933	Contractor Publishing Co.	Advertising.	21 80	
	13934	Detroit Daily Abend-Post.	Advertising.	20 00	

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit D.—Continued.

Date.	No. of Voucher.	Payee.	For what object.	Amount.	Total.
1013 Oct. 31	13935	Detroit Saturday Night.....	Advertising.....	\$16 80	
	13936	F. A. Norton.....	Grounds.....	6 50	
	13937	Henry A. Dreer, Inc.....	Grounds.....	2 80	
	13938	Standard Printing Co.....	Library.....		
			Training Dept.....	201 88	
			Supplies.....		
	13939	Electric Appliance Co.....	Physical science.....	143 59	
			Supplies.....		
	13940	The Mayer-Schallier Co.....	Supplies.....	88 16	
	13941	Martin Dawson.....	Supplies.....	78 53	
	13942	Pittsburg Plate Glass Co.....	Supplies.....	71 13	
	13943	Herring Hall Marvin Safe Co.....	Supplies.....	55 00	
	13944	The Detroit Refining Co.....	Supplies.....	49 28	
	13945	H. W. Shepherd.....	Supplies.....	48 25	
	13946	The Richmond & Backus Co.....	Supplies.....	18 50	
	13947	Kenneth Anderson Co.....	Supplies.....	20 00	
	13948	The Garlock Packing Co.....	Supplies.....	9 90	
	13949	Pontiac Brush Co.....	Supplies.....	6 00	
	13950	J. George Zwergel.....	Library.....	5 25	
			Supplies.....		
	13951	Columbia Graphophone Co.....	Supplies.....	5 00	
	13952	John G. Worden.....	Supplies.....	5 00	
	13953	Percy Ives.....	Contingent.....	15 00	
	13954	Mack & Mack.....	Contingent.....	4 00	
	13955	J. E. Moore & Co.....	Gymnasium.....	3 00	
			Contingent.....		
			Library.....		
	13956	Scharf Tag, Label & Box Co.....	Natural science.....	155 30	
			Kindergarten.....		
			Household arts.....		
			Manual training.....		
			History.....		
	13957	Herbert Putnam.....	Library.....	60 00	
	13958	Chivers Book Binding Co.....	Library.....	34 00	
	13959	Wagenvoord & Co.....	Library.....	9 55	
	13960	Smithsonian Institution.....	Library.....	7 10	
	13961	Dodd, Mead & Co.....	Library.....	4 50	
	13962	American Journal of Psych.....	Library.....	4 00	
	13963	Niel Morrow Ladd Co.....	Library.....	2 20	
	13964	Sturgis & Walton Co.....	Library.....	1 96	
	13965	Fred E. Wilkins.....	Library.....	1 86	
	13966	The Boston Book Co.....	Library.....	1 70	
	13967	The Macmillan Co.....	Library.....	1 01	
	13968	The H. W. Wilson Co.....	Library.....	1 00	
	13969	E. Higgins Co.....	Library.....	70	
	13970	Peninsular Paper Co.....	Training Dept.....	10 50	
	12971	Howard Dustless-Duster Co.....	Training Dept.....	3 22	
	13972	Thomas Charles Co.....	Manual training.....	22 98	
	13973	McBride, Nast & Co.....	Manual training.....	1 95	
	13974	C. King & Co.....	Household arts.....	95 20	
	13975	F. A. Maulbetsch.....	Household arts.....	8 66	
	13976	Emerick Farm Dairy.....	Household arts.....	7 52	
	13977	W. F. Waidner.....	Repairs.....	280 35	
			Natural science.....		
	13978	Eberbach & Son Co.....	Natural science.....	57 26	
			Training Dept.....		
	13979	The Kny-Scheerer Co.....	Natural science.....	34 50	
	13980	Marine Biological Laboratory.....	Natural science.....	3 16	
	13981	Bausch & Lomb Optical Co.....	Physical science.....	496 30	
	13982	W. L. McCullough Co.....	Physical science.....	47 91	
			Physical science.....		
			Training Dept.....		
			Supplies.....		
	13983	Davis and Kishlar.....	Manual training.....	131 74	
			History.....		
			Drawing.....		
			Kindergarten.....		
	13984	Keuffel & Esser Co.....	Geography.....	2 17	
	13985	University of Chicago Press.....	Ancient language.....	5 00	
	13986	E. B. Meyrowitz, Inc.....	Gymnasium.....	8 41	
	13987	A. G. Spaulding & Bros.....	Gymnasium.....	3 75	
	13988	Elizabeth F. Simpson.....	Extra labor.....	25 00	
	13989	Mrs. J. Dietz.....	Laundry.....	12 73	
	13990	W. M. Davis.....	Lecture.....	75 00	
	13991	Annie Ward Foster.....	Lecture.....	52 50	
	13992	Owen B. Lovejoy.....	Lecture.....	35 00	
	13993	Charles M. Sheldon.....	Lecture.....	15 00	
	13994	Marguerite Payne.....	Tuition refunded.....	5 00	

\$20,945 12

STATE BOARD OF EDUCATION

87

MICHIGAN STATE NORMAL COLLEGE.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount	Total.
1913					
Nov. 29	13999	Pay roll.....	Salaries.....	\$15,015 86	
Nov. 28	14000	C. P. Steimle, Sec. Reg.....	Sundries.....	48 28	
	14001	O. E. Thompson & Sons.....	Fuel.....	82 36	
			Lights.....		
	14002	Ypsilanti Gas Company.....	Repairs.....	37 67	
			Fuel.....		
			Household arts.....		
	14003	Kenneth Anderson Co.....	Repairs.....	199 43	
	14004	O. A. Hankinson.....	Repairs.....	178 78	
	14005	H. R. Scovill Co.....	Repairs.....	170 36	
	14006	Shaefer Hardware Co.....	Repairs.....	87 83	
	14007	W. F. Waidner.....	Repairs.....	46 62	
	14008	H. W. Johns-Manville Co.....	Repairs.....	70 74	
	14009	W. L. McCullough Co.....	Repairs.....	20 38	
	14010	Martin Dawson.....	Repairs.....	12 80	
	14011	Detroit Times Co.....	Advertising.....	12 60	
	14012	High School Life.....	Advertising.....	7 00	
	14013	The Ypsilanti Press.....	Advertising.....	4 40	
	14014	Slatington-Bangor Slate Synd.....	Supplies.....	75 27	
	14015	Hawk-eye Compound Co.....	Supplies.....	50 96	
	14016	Lewis Mfg. & Distributing Co.....	Supplies.....	33 00	
	14017	The American Crayon Co.....	Supplies.....	16 50	
	14018	Atlas School Supply Co.....	Supplies.....	16 50	
	14019	H. Ohashi & Co.....	Supplies.....	13 80	
	14020	A. Flanagan Co.....	Supplies.....	7 00	
			Library.....		
	14021	Standard Printing Co.....	Physical science.....	173 15	
			Training Dept.....		
			Supplies.....		
			Gymnasium.....		
	14022	American Historical Ass'n.....	Library.....	3 00	
	14023	E. Higgins Company.....	Library.....	1 33	
	14024	The H. W. Wilson Co.....	Library.....	75	
	14025	Rand, McNally & Co.....	Training Dept.....	93 56	
			Library.....		
			Natural science.....		
			Training Dept.....		
			Supplies.....		
	14026	J. George Zwergel.....	Household arts.....	51 62	
			Gymnasium.....		
			Ancient language.....		
			Drawing.....		
	14027	American Book Co.....	Training Dept.....	37 74	
	14028	Scott, Foresman Co.....	Training Dept.....	32 98	
	14029	The Macmillan Co.....	Training Dept.....	20 44	
	14030	Atkinson, Mentzer & Co.....	Training Dept.....	19 80	
	14031	D. C. Heath & Co.....	Training Dept.....	14 40	
	14032	E. W. A. Rowles.....	Training Dept.....	9 42	
	14033	Houghton Mifflin Co.....	Training Dept.....	9 27	
	14034	Ginn & Company.....	Training Dept.....	8 84	
	14035	Charles Scribner's Sons.....	Training Dept.....	6 78	
	14036	Newson & Company.....	Training Dept.....	5 67	
	14037	Curtis & Cameron.....	Training Dept.....	5 00	
	14038	D. Appleton & Co.....	Training Dept.....	4 97	
	14039	The Bobbs-Merrill Co.....	Training Dept.....	4 50	
	14040	Gregory, Mayer & Thom Co.....	Training Dept.....	4 50	
	14041	Row, Peterson & Co.....	Training Dept.....	2 64	
	14042	The Prang Company.....	Training Dept.....	1 51	
	14043	The Union Library Ass'n.....	Training Dept.....	1 38	
	14044	L. C. Smith & Bros. Type. Co.....	Training Dept.....	1 00	
			Supplies.....		
	14045	C. King & Co.....	Household arts.....	65 61	
			Manual training.....		
	14046	Chope-Stevens Paper Co.....	Household arts.....	3 98	
	14047	Marine Biological Laboratory.....	Training Dept.....	23 40	
	14048	Olds & Freeman.....	Natural science.....	4 39	
	14049	The Rowima Co.....	Natural science.....	3 30	
			Kindergarten.....		
	14050	A. G. Spaulding & Bros.....	Gymnasium.....	20 12	
	14051	Narragansett Machine Co.....	Gymnasium.....	3 00	
	14052	G. C. Birchard & Co.....	Music.....	34 40	
	14053	Mrs. Mary Dietz.....	Laundry.....	31 87	
	14054	Elizabeth F. Simpson.....	Extra labor.....	14 00	
	14055	Vera G. DeLong.....	Extra labor.....	7 20	

MICHIGAN STATE NORMAL COLLEGE.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Nov. 28	14056	Gladys Davey	Tuition refunded	\$5 00	\$17,255 10
	14057	Maude Wolfe	Tuition refunded	5 00	
	14058	Chloe M. Todd	Tuition refunded	5 00	
	14059	State Treasurer	Premium on Ins.	300 79	
Dec. 31	14060	Pay roll	Salaries	\$15,494 91	
Dec. 23	14061	C. P. Steimle, Sec.-Reg.	Sundries	73 93	
	14062	Eastern Mich. Edison Co.	Repairs, lights	289 10	
	14063	Ypsilanti Press	Advertising	6 50	
	14064	Grand Rapids News	Advertising	30 00	
	14065	Pittsburg Plate Glass Co.	Repairs	10 26	
	14066	Charles Schindler	Kindergarten	81	
	14067	E. Steiger & Co.	Kindergarten	78	
	14068	Standard Oil Co.	Supplies	12 65	
	14069	Weinmann-Matthews Co.	Natural science. Physical science. Training Dept. Manual training. Gymnasium. Geography.	50 38	
	14070	Angell & Cash	Training Dept.	37 20	16,102 68
	14071	Houghton-Mifflin Co.	Training Dept.	1 19	
	14072	American Academy of Med.	Training Dept.	1 00	
	14073	J. L. Hammett Co.	Manual training	7 38	
	14074	The Thomas K. Lewis Co.	Manual training	2 80	
	14075	Henry H. Shufeldt & Co.	Physical science	28 20	
	14076	Detroit Publishing Co.	English	4 33	
	14077	Richard Elwood Dodge	Library	3 50	
	14078	Olive Swartout	Tuition refunded	5 00	
	14079	Vera De Long	Extra labor	5 70	
	14080	Mrs. Mary Dietz	Laundry	37 06	
1914. Jan. 31	14083	Pay roll	Salaries	\$15,698 21	
	14084	C. P. Steimle, Sec.-Reg.	Sundries	121 37	
	14085	Ohio & Michigan Coal Co.	Fuel	1,592 19	
	14086	O. E. Thompson & Sons	Fuel	32 80	
	14087	Ypsilanti Gas Co.	Lights, supplies	59 82	
	14088	R. L. Owen, P. M.	Postage	200 00	
	14089	Charles McKenny	Traveling expenses	50 14	
	14090	Normal College News	Advertising	225 00	
	14091	The American Schoolmaster	Advertising	40 00	
	14092	High School Life	Advertising	14 00	
	14093	W. F. Waidner	Repairs	186 83	138 72
	14094	O. A. Hankinson	Repairs	180 36	
	14095	H. A. Gilmore	Repairs	146 59	
	14096	Washtenaw Electric Shop	Repairs	69 23	
	14097	Smith Bros. Co.	Repairs	35 29	
	14098	August Moeller & Son	Repairs	25 00	
	14099	Schaffer & Frain	Repairs	5 00	
	14100	Shaefer Hardware Co.	Natural science. Physical science. Training Dept. Supplies. Household arts. Manual training.	95 77	
	14101	Frank C. Teal Co.	Supplies	35 96	
	14102	Kenneth Anderson Co.	Supplies	34 92	
	14103	The Anchor Packing Co.	Supplies	12 50	157 85
	14104	Lewis-Geer Mfg. Co.	Supplies	7 55	
	14105	The Richmond & Backus Co.	Supplies	1 77	
	14106	Electric Appliance Co.	Supplies	11 50	
	14107	Milwaukee Dustless Brush Co.	Supplies	85 50	
	14108	Library Bureau	Library		
	14109	Standard Printing Co.	Library. Training Dept. Supplies. Household arts.	11 76	
	14110	Gaylord Brothers	Library	60	
	14111	Smith & McCance	Training Dept.		
	14112	Shaefer Hardware Co.	Supplies. Manual training.	131 99	

STATE BOARD OF EDUCATION

89

MICHIGAN STATE NORMAL COLLEGE.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914 Jan. 31					
	14113	F. H. Nissly	Training Dept. . . . Supplies	\$125 05	
	14114	W. H. Sweet & Son	Household arts. . . Manual training. . . Training Dept. . . . Supplies	80 46	
	14115	The Mayer-Schalrer Co.	Kindergarten. . . Gymnasium. . . . Training Dept. . . . Supplies	65 23	
	14116	Peninsular Paper Co.	Gymnasium. . . . Training Dept. . . . Supplies	60 35	
	14117	Duane Spalsbury	Kindergarten. . . Art	50 15	
	14118	A. C. McClurg & Co.	Training Dept. . . . Household arts. . . Gymnasium. . . . Nurse	26 34	
	14119	Longmans, Green & Co.	Training Dept. . . . History	24 84	
	14120	J. Geroge Zwergel.	Training Dept. . . . Supplies	21 15	
	14121	Houghton-Mifflin Co.	Kindergarten. . . Manual training. . . Gymnasium. . . . Art		
	14122	American Book Co.	Geography	11 81	
	14123	C. H. Stoelting Co.	Training Dept. . . .	7 80	
	14124	Doubleday Page & Co.	Training Dept. . . .	5 53	
	14125	J. B. Lippincott Co.	Training Dept. . . .	3 50	
	14126	The Current Lit. Pub. Co.	Training Dept. . . .	3 00	
	14127	The Training School	Training Dept. . . .	3 00	
	14128	The Macmillan Co.	Training Dept. . . .	2 00	
	14129	Clayton F. Summy Co.	Training Dept. . . .	1 98	
	14130	H. R. Pattengill	Training Dept. . . .	1 31	
	14131	Nissly, Webb & Marrs	Training Dept. . . .	1 25	
	14132	N. Y. Teachers' Monograph Co.	Training Dept. . . .	1 05	
	14133	Teachers College	Training Dept. . . .	1 00	
	14134	Fred Maubetsch	Training Dept. . . .	1 00	
	14135	Vaughan's Seed Store	Household arts. . .	9 22	
	14136	Emerick Farm Dairy	Household arts. . .	8 59	
	14137	Chope-Stevens Paper Co.	Household arts. . .	6 87	
	14138	L. K. Foerster	Household arts. . .	4 27	
	14139	H. J. Caulkins & Co.	Manual training. . . Gymnasium. . . .	27 13	
	14140	Thomas Charles Co.	Manual training. . . Kindergarten. . . Art	14 18	
	14141	Davis & Kishlar	Manual training. . .	85 91	
	14142	Eberbach & Son Co.	Supplies		
	14143	Bausch & Lomb Optical Co.	Physical science. . .	94 08	
	14144	Charles H. Jones & Co.	Natural science. . .	73 05	
	14145	The Rowina Co.	Natural science. . .	35 06	
	14146	L. E. Knott Apparatus Co.	Natural science. . .	20 00	
	14147	Scientific Materials Co.	Natural science. . .	13 92	
	14148	Central Scientific Co.	Physical science. . .	66 47	
	14149	The Linde Air Products Co.	Physical science. . .	20 00	
	14150	Devoe & Reynolds Co.	Physical science. . .	11 11	
	14151	A. J. Nystrom & Co.	Physical science. . .	1 50	
	14152	L. Black Company	Art	38 14	
	14153	Rand, McNally & Co.	History	9 75	
	14154	Michigan State Telephone Co.	Geography	71 04	
	14155	Sarah P. Stewart	Geography	10 80	
	14156	Mrs. Mary Dietz	Telephone rental. . .	75 15	
	14157	Cleary College	Lettering diplomas. .	17 75	
	14158	Clifton G. Speer	Laundry	13 80	
	14159	Vera DeLong	Extra labor	75 00	
	14160	Underwood Typewriter Co.	Extra labor	12 00	
			Supplies	4 58	
				30 00	
					\$20,755 39

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914 Feb. 28	14174	Pay roll	Salaries	\$14,305 16	
	14175	C. P. Steimle, Sec.-Reg.	Sundries	41 35	
	14176	O. E. Thompson & Sons	Fuel	54 00	
	14177	Eastern Mich. Edison Co.	Repairs, lights	686 47	
	14178	Ypsilanti Gas Co.	Lights	29 12	
	14179	Evening News Association	Advertising	71 04	
	14180	Electric Railway Guide Co.	Advertising	16 50	
	14181	J. E. Engel	Grounds	639 84	
			Hauling coal		
	14182	Luick Bros & Co.	Repairs	182 37	
			Manual training		
	14183	O. A. Hankinson	Repairs	108 41	
	14184	W. L. McCullough Co.	Repairs	76 50	
	14185	W. F. Waldner	Repairs	64 50	
	14186	The Mayer-Schallier Co.	Supplies	51 70	
	14187	Michigan Schoolmasters' Club	Supplies	50 00	
	14188	Frank C. Teal Co.	Supplies	13 25	
	14189	Lewis-Geer Mfg. Co.	Supplies	12 50	
	14190	American Oil Co.	Supplies	11 96	
	14191	F. H. Nissly	Supplies	10 19	
	14192	R. L. Polk & Co.	Supplies	5 00	
	14193	Standard Oil Co.	Supplies	4 68	
	14194	The Richmond & Backus Co.	Supplies	4 59	
	14195	George Wahr	Library	916 08	
	14196	Scharf Tag, Label & Box Co.	Library	181 35	
	14197	Lemcke & Buechner	Library	262 62	
	14198	Chivers Book Binding Co.	Library	97 00	
	14199	Wagenvoord & Co.	Library	31 15	
	14200	Standard Printing Co.	Library	30 00	
	14201	J. George Zwergel	Library	17 19	
	14202	American Library Ass'n	Library	5 00	
	14203	H. J. Barton, Treasurer	Library	2 00	
	14204	C. King & Co.	Household arts	66 23	
	14205	Chope-Stevens Paper Co.	Household arts	2 10	
	14206	Grinnell Bros	Training Dept.	163 80	
	14207	Benjamin H. Sanborn Co.	Training Dept.	24 48	
	14208	Shaefer Hardware Co.	Training Dept.	15 11	
	14209	American Book Co.	Training Dept.	3 15	
	14210	M. W. Henry	Kindergarten	16 00	
	14211	Thomas Charles Co.	Kindergarten	2 79	
	14212	The Kny-Scheerer Co.	Natural science	75 80	
	14213	A. A. Spung	Natural science	8 34	
	14214	Ward's Nat. Sci. Estab'ment	Natural science	5 54	
	14215	McIntosh Stereopticon Co.	Natural science	4 20	
	14216	Clarke Brothers	Supplies	263 15	
	14217	The Prang Company	Art	19 10	
	14218	A. G. Spalding & Bros.	Gymnasium	5 95	
	14219	Duane Spalsbury	Nurse	5 95	
	14220	F. J. Gould	Lecture	88 80	
	14221	O. P. Hay	Lecture	25 00	
	14222	Clifton G. Speer	Extra labor	7 60	
	14223	Mrs. Mary Dietz	Laundry	39 04	
	14224	Emily Burrows	Tuition refunded	5 00	
Mar. 31	14228	Pay roll	Salaries	\$15,771 27	
Mar. 27	14229	C. P. Steimle, Sec.-Reg.	Sundries	35 70	
	14230	Ypsilanti Gas Co.	Repairs, lights	53 51	
	14231	The Detroit Free Press	Advertising	84 46	
	14232	The Detroit Journal Co.	Advertising	18 90	
	14233	Grand Rapids Herald	Advertising	10 29	
	14234	Pittsburgh Plate Glass Co.	Repairs	5 55	
	14235	The Richmond & Backus Co.	Supplies	3 00	
	14236	Standard Printing Co.	Supplies	84 75	
	14237	The Century Co.	Library	43 29	
	14238	Library Bureau	Library	7 50	
	14239	The H. W. Wilson Co.	Library	5 85	
	14240	Playground & Recreation Ass'n of America	Library	4 50	
	14241	The Boston Book Co.	Library	4 11	
	14242	The Macmillan Co.	Library	4 00	
	14243	Smithsonian Institution	Library	3 90	
	14244	American Political Sci. Ass'n	Library	3 40	
	14245	Religious Education Ass'n	Library	3 00	
	14246	Fred A. Maulbetsch	Household arts	32 94	
	14247	Washtenaw Electric Shop	Household arts	12 00	
					\$18,828 65

STATE BOARD OF EDUCATION

91

MICHIGAN STATE NORMAL COLLEGE.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914 Mar. 27	14248	Emerick Farm Dairy	Household arts	\$3 09	
	14249	Bureau of Publications	Household arts	2 50	
	14250	G. Schirmer, Inc.	Training Dept.	8 96	
	14251	Lyon & Healy	Training Dept.	7 93	
	14252	Narragansett Machine Co.	Training Dept.	6 48	
	14253	World Book Co.	Training Dept.	4 92	
	14254	F. A. O. Schwarz	Training Dept.	4 50	
	14255	C. C. Birchard & Co.	Training Dept.	4 11	
	14256	Mrs. H. A. Davis	Training Dept.	3 75	
	14257	D. C. Heath & Co.	Training Dept.	3 52	
	14258	School Arts Publishing Co.	Training Dept.	1 00	
	14259	The Grasselli Chemical Co.	Physical science	12 74	
	14260	Diack & Smith	Physical science	6 82	
	14261	John G. Lamb & Son	Physical science	56 01	
	14262	Keuffel & Esser Co.	Natural science	4 33	
	14263	F. H. Nissly	Kindergarten	12 70	
	14264	Devoe & Reynolds Co.	Art	2 81	
	14265	Caroline Bartlett Crane	Lecture	25 00	
	14266	E. T. Mathes	Lecture	25 00	
	14267	Charles McKenny	Traveling expenses	52 30	
	14268	Ida G. Hintz	Traveling expenses	3 76	
	14269	Walter Cannon	Extra labor	37 88	
	14270	Mrs. Mary Dietz	Laundry	33 71	
	14271	Glenn J. Waite	Extra labor	13 50	
	14272	C. H. Kniseley	Extra labor	10 35	
	14273	Jennie Welcome	Extra labor	9 10	
	14274	Clifton G. Speer	Extra labor	8 00	
					\$16,556 69
April 30	14281	Pay roll	Salaries	\$15,033 07	
April 28	14282	C. P. Steimle, Sec.-Reg.	Sundries	67 40	
	14283	R. L. Owen, P. M.	Postage	300 00	
	14284	Ohio & Michigan Coal Co.	Fuel	2,639 38	
	14285	O. E. Thompson & Sons	Fuel	67 40	
	14286	Eastern Mich. Edison Co.	Repairs, lights	366 30	
	14287	Ypsilanti Gas Co.	Repairs, lights	40 33	
	14288	O. A. Hankinson	Repairs	418 38	
	14289	W. L. McCullough Co.	Repairs	60 37	
	14290	H. A. Gilmore	Repairs	38 00	
	14291	American Seating Co.	Supplies	301 95	
	14292	J. George Zwergel	Supplies	27 34	
	14293	Shaefer Hardware Co.	Supplies	54 71	
	14294	Hawk-eye Compound Co.	Supplies	47 04	
	14295	Peninsular Paper Co.	Supplies	42 60	
	14296	Imperial Brush Co.	Supplies	40 50	
	14297	Smith Brothers	Supplies	40 00	
	14298	Envelope Sales Co.	Supplies	33 07	
	14299	Lewis-Geer Mfg. Co.	Supplies	25 00	
	14300	H. R. Scovill Co.	Supplies	18 21	
	14301	Gregory, Mayer & Thom Co.	Supplies	1 60	
	14302	Scharf Tag, Label & Box Co.	Library	143 86	
	14303	Library Bureau	Library	11 50	
	14304	Breitkopf & Hertel	Library	7 78	
	14305	Josiah H. Brinker	Library	5 00	
	14306	American Association for the Advancement of Science	Library	3 00	
	14307	The H. R. Hunting Co.	Library	2 76	
	14308	National Education Ass'n	Library	2 00	
	14309	E. Higgins Co.	Library	1 30	
	14310	The Univ'ty of Chicago Press	Library	67	
	14311	Weinmann-Matthews Co.	Training Dept.	112 05	
	14312	Standard Printing Co.	Training Dept.	81 50	
	14313	Davis & Kishlar	Training Dept.	41 58	
	14314	A. C. McClurg & Co.	Training Dept.	7 58	
	14315	The Outlook Co.	Training Dept.	3 00	
	14316	Houghton, Mifflin Co.	Training Dept.	2 03	
	14317	Silver Burdett & Co.	Training Dept.	1 70	
	14318	The Macmillan Co.	Training Dept.	1 66	
	14319	American Book Co.	Training Dept.	85	
	14320	Shaefer Hardware Co.	Manual training	23 45	
	14321	The T. B. Rayl Co.	Manual training	3 60	
	14322	John G. Lamb & Son	Household arts	52 67	
	14323	F. H. Nissly	Household arts	6 70	
	14324	Alban & Augustus	Household art	4 90	
	14325	G. B. Dunlap	Household arts	4 55	
	14326	Henry A. Dreer, Inc.	Grounds	1 80	

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit D.—Continued.

Date,	No. of voucher.	Payee.	For what objec..	Amount.	Total.
1914					
April 28	14327	McIntosh Stereopticon Co.	Physical science. . .	\$7 74	
	14328	Olds & Freeman.	Natural science. . .	1 05	
	14329	The Rowima Co.	Ancient language. . .	18 75	
	14330	Mrs. Mary Dietz.	Laundry.	16 39	
	14331	Elizabeth Simpson.	Extra labor.	34 00	
	14332	Frank Andrews.	Extra labor.	30 00	
	14333	Millford Starks.	Extra labor.	27 50	
	14334	Clifton G. Speer.	Extra labor.	7 60	
	14335	Joseph Jastrow.	Lectures.	35 00	
	14336	E. B. DeGroot.	Lectures.	15 00	
	14337	F. B. McKay.	Traveling expenses. .	5 98	
	14338	Ida G. Hintz.	Traveling expenses. .	4 48	
					\$20,393 63
May 30	14343	Pay roll.	Salaries.	\$15,552 92	
May 26	14344	C. P. Steimle, Sec.-Reg.	Sundries.	71 69	
	14345	D. H. Roberts.	Traveling expenses. .	44 96	
	14346	Eastern Mich. Edison Co.	Lights.	67 27	
	14347	Ypsilanti Gas Company.	Lights, repairs.	22 32	
	14348	Mich. State Telephone Co.	Telephone rental.	87 00	
	14349	Normal College News.	Advertising.	225 00	
	14350	High School Life.	Advertising.	28 00	
	14351	J. E. Engel.	Grounds.		
			Hauling coal.	409 81	
	14352	American Sanitary Prod. Co.	Supplies.	50 00	
	14353	Electric Appliance Co.	Supplies.	39 83	
	14354	The Richmond & Backus Co.	Supplies.	24 14	
	14355	Frank C. Teal Co.	Supplies.	22 08	
	14356	Wm. Inglis Fire & Iron Works.	Supplies.	20 25	
	14357	John S. Miller.	Supplies.	4 25	
	14358	Luick Bros. & Co.	Supplies.	1 90	
	14359	Chivers Book Binding Co.	Library.	40 85	
	14360	G. Schirmer.	Library.	8 99	
	14361	Gaylord Brothers.	Library.	3 85	
	14362	Fred Maulbetsch.	Household arts.	14 87	
	14363	A. J. Nystrom & Co.	Training Dept.	131 60	
	14364	Standard Printing Co.	Training Dept.	129 00	
	14365	The Mayer-Schairer Co.	Training Dept.	85 04	
	14366	Clarke Brothers.	Training Dept.	83 62	
	14367	Davis & Kishlar.	Training Dept.	48 07	
	14368	Scott, Foresman & Co.	Training Dept.	12 24	
	14369	George D. Switzer Co.	Training Dept.	4 90	
	14370	The Independent.	Training Dept.	3 00	
	14371	Martin Dawson.	Training Dept.	2 30	
	14372	American Book Co.	Training Dept.	1 60	
	14373	J. L. Hammett Co.	Manual training.	28 00	
	14374	Eastern Stoneware Co.	Manual training.	10 50	
	14375	Thomas Charles Co.	Kindergarten.	35 10	
	14376	Eberbach & Son Co.	Natural science.	93 36	
	14377	Henry A. Dreer.	Natural science.	25 72	
	14378	Ward's Nat. Sci. Estab'ment.	Natural science.	7 31	
	14379	Keuffel & Esser Co.	Natural science.	6 61	
	14380	Eimer & Amend.	Physical science.	8 35	
	14381	Norton Company.	Physical science.	83	
	14382	H. R. Scovill Co.	Latin Dept.	12 98	
	14383	Jay Knapp.	Gymnasium.	6 00	
	14384	Sarah P. Stewart.	Lettering diplomas. .	14 50	
	14385	Millford Starks.	Extra labor.	44 52	
	14386	Clifton G. Speer.	Extra labor.	5 20	
	14387	Mrs. Mary Dietz.	Laundry.	24 02	
					17,564 35
June 30	14395	Pay roll.	Salaries.	\$15,093 07	
June 27	14396	C. P. Steimle, Sec.-Reg.	Sundries.	64 10	
	14397	Ohio & Michigan Coal Co.	Fuel.	1,101 33	
	14398	O. E. Thompson & Sons.	Fuel.	31 60	
	14399	Mich. State Telephone Co.	Telephone rental.	87 00	
	14400	H. R. Pattengill.	Advertising.	39 00	
	14401	The School Century.	Advertising.	13 50	
	14402	High School Life.	Advertising.	7 00	
	14403	Ypsilanti Gas Co.	Lights.	37 84	
	14404	Eastern Mich. Edison Co.	Repairs, lights.	128 03	
	14405	O. A. Hankinson.	Repairs.	135 62	
	14406	Jonathan Stanger.	Repairs.	75 00	
	14407	J. E. Engel.	Grounds.	23 00	
	14408	Peter Henderson & Co.	Grounds.	4 60	
	14409	Emily H. Keavy.	Supplies.	27 00	

STATE BOARD OF EDUCATION

93

MICHIGAN STATE NORMAL COLLEGE.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914 June 27	14410	Lewis-Geer Mfg. Co.	Supplies	\$12 50	
	14411	Electric Appliance Co.	Supplies	6 75	
	14412	Lemcke & Buechner	Library	250 58	
	14413	George Wahr	Library	137 66	
	14414	Wagenvoord & Company	Library	28 10	
	14415	J. George Zwergel	Library	15 75	
	14416	F. A. Brockhaus	Library	9 98	
	14417	Library Bureau	Library	7 85	
	14418	The Boston Book Co.	Library	8 75	
	14419	The Educational Specialty Co.	Library	5 25	
	14420	The Johns Hopkins Press	Library	2 00	
	14421	John G. Lamb & Son	Household arts	93 32	
	14422	Emerick Farm Dairy	Household arts	25 77	
	14423	Fred A. Maulbetsch	Household arts	10 52	
	14424	H. Fairchild	Household arts	6 25	
	14425	Lamb & Spencer	Household arts	5 41	
	14426	Thomas Charles Co.	Manual training	7 80	
	14427	Scott, Foresman & Co.	Manual training	5 88	
	14428	Shaefer Hardware Co., No. 2	Manual training	3 80	
	14429	School Arts Pub. Co.	Manual training	3 20	
	14430	The Macmillan Co.	Manual training	1 80	
	14431	Standard Printing Co.	Training Dept.	38 00	
	14432	W. H. Sweet & Son	Training Dept.	27 22	
	14433	DeFries Art Store	Training Dept.	23 00	
	14434	D. Appleton & Co.	Training Dept.	3 67	
	14435	Ginn & Company	Training Dept.	2 54	
	14436	Columbia Graphophone Co.	Training Dept.	2 50	
	14437	Rand, McNally & Co.	Training Dept.	2 43	
	14438	Houghton-Mifflin Co.	Training Dept.	1 21	
	14439	American Book Co.	Training Dept.	1 07	
	14440	Henry Holt & Co.	Training Dept.	1 05	
	14441	A. R. Congdon & Son	Natural science	12 00	
	14442	The Kny-Scheerer Co.	Natural science	2 79	
	14443	Martin Dawson	Natural science	3 63	
	14444	Shaefer Hardware Co., No. 1	Natural science	130 45	
	14445	Davis & Kishlar	Physical science	35 04	
	14446	The Grasselli Chemical Co.	Physical science	1 95	
	14447	Narragansett Machine Co.	Gymnasium	2 98	
	14448	Keuffel & Esser Co.	Geography	2 10	
	14449	The Prang Company	Art	1 78	
	14450	Mrs. Mary Dietz	Laundry	33 10	
	14451	Clifton G. Speer	Extra labor	8 40	
	14452	Ellen B. Murray, M. D.	Medical Exam.	100 00	
	14453	Dr. T. D. Bancroft	Lecture	10 00	
	14454	Ellen Moore	Lecture	10 00	
	14455	F. B. McKay	Traveling expenses	5 41	
					\$17,978 91
Total disbursements present year					\$212,483 96
Total disbursements for the year:					
From former year					\$1,294 50
From present year					212,483 96
Balance on hand for new former year fund					4,269 79
Balancing receipts for the year					\$218,048 25

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

EXHIBIT E.

Salary account, Cr., for fiscal year ending June 30, 1913.

Date.	No. of voucher.	Payroll.	Amount.	Total.
1912.				
July 31	13074	July.....	\$13,370 50	
Aug. 31	13116	August.....	13,466 75	
Sept. 30	13149	September.....	11,749 00	
Oct. 31	13183	October.....	13,847 75	
Nov. 30	13242	November.....	13,715 01	
Dec. 31	13328	December.....	14,138 25	
1913.				
Jan. 31	13396	January.....	14,533 09	
Feb. 28	13465	February.....	13,286 13	
Mar. 31	13536	March.....	14,533 09	
April 30	13586	April.....	13,838 85	
May 31	13659	May.....	14,237 95	
June 30	13720	June.....	13,803 85	
Total for the year.....				\$164,520 22

MICHIGAN STATE NORMAL COLLEGE.

*Exhibit E.—Concluded.**Salary account, Cr., for fiscal year ending June 30, 1914.*

Date.	No. of voucher.	Payroll.	Amount.	Total.
1913.				
July 28	13826	July.....	\$14,553 66	
Aug. 30	13854	August.....	15,249 14	
Sept. 30	13876	September.....	13,685 15	
Oct. 31	13922	October.....	15,779 21	
Nov. 29	13999	November.....	15,015 86	
Dec. 31	14060	December.....	15,494 91	
1914.				
Jan. 31	14083	January.....	15,698 21	
Feb. 28	14174	February.....	14,305 16	
Mar. 31	14228	March.....	15,771 27	
April 30	14281	April.....	15,033 07	
May 30	14343	May.....	15,552 92	
June 30	14395	June.....	15,093 07	
Total for the year.....				\$181,231 63

STATE BOARD OF EDUCATION

95

MICHIGAN STATE NORMAL COLLEGE.

EXHIBIT F.

ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of Receipt.	Of whom received.	Amount.	Total.
1912.		Increased storage:		
July 1		Balance on hand	\$500 00	
July 1		New toilet room for men:		
July 1		Balance on hand	221 49	
July 1		Hardwood floors in main building:		
July 1		Balance on hand	2,537 31	
July 1		Payment of indebtedness to North Gass:		
July 1		Balance on hand	95 44	
July 1		Steel ceilings in main building:		
July 1		Balance on hand	737 81	
July		Wiring and lighting old part of main building:		
July 1		Balance on hand	186 88	
July 1		Six 60 inch by 16 foot tubular boilers:		
July 1		Balance on hand	872 01	
July 1		New roof for Starkweather Hall:		
July 1		Balance on hand	526 00	
July 1		Making new tunnel, extending old one and removing boiler house:		
July 1		Balance on hand	969 92	
		Total balances		\$6,646 86
1913.		Site for new auditorium:		
July 10	1193	State Treasurer	\$10,000 00	
Aug. 30	1196	State Treasurer	10,000 00	
April 28	1245	State Treasurer	10,000 00	30,000 00
1913.		General repairs:		
July 10	1193	State Treasurer	\$2,500 00	
Aug. 30	1196	State Treasurer	5,000 00	7,500 00
1913.		Gymnasium:		
Dec. 5	1210	State Treasurer	\$5,000 00	
1914.				
Jan. 20	1228	State Treasurer	10,000 00	
Jan. 27	1229	State Treasurer	5,000 00	
Mar. 27	1232	State Treasurer	10,000 00	
April 24	1244	State Treasurer	4,062 03	
May 2	1247	State Treasurer	500 00	
June 25	1259	State Treasurer	437 97	30,000 00
1914.		Enlarging plant house:		
Jan. 20	1226	State Treasurer	\$1,000 00	1,000 00
1914.		School infirmary:		
Jan. 31	1227	State Treasurer	\$3,500 00	3,500 00
1914.		Repairing roof of main building:		
May 2	1247	State Treasurer	\$580 45	580 45
		Total receipts for two years		\$84,227 31

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit F.—Continued.

SUMMARY.

	Amount.	Total.
Disbursements:		
Hardwood floors in main building.....	\$2,537 31	
Making new tunnel, extending old one and removing boiler-house.....	969 92	
Six sixty inch by sixteen feet tubular boilers.....	1,093 50	
Steel ceilings in main building.....	737 81	
Wiring and lighting old part of main building.....	186 88	
New roof for Starkweather Hall.....	107 70	
Increased storage.....	500 00	
General repairs.....	7,500 00	
Site for new auditorium.....	27,483 67	
Enlarging plant house.....	1,000 00	
Gymnasium.....	34,610 79	
School infirmary.....	1,915 20	
Payment of indebtedness to North Gas.....	95 44	
Repairing main roof.....	580 45	\$79,318 67
Balances:		
New roof for Starkweather Hall.....	\$418 30	
Site for auditorium.....	2,516 33	
Gymnasium.....	389 21	
School infirmary.....	1,584 80	4,908 64
Balancing receipts.....		\$84,227 31

STATE BOARD OF EDUCATION

97

MICHIGAN STATE NORMAL COLLEGE.

Exhibit F.—Continued.

Date.	No. of voucher.	Payee.	Amount.	Total.
1912.		Hardwood floors:		
July 30	13104	W. F. Waidner.....	\$252 88	
	13105	H. R. Scovill Co.....	30 78	\$283 66
Sept. 27	13176	H. R. Scovill Co.....	\$153 79	
	13177	F. L. Shaefer.....	17 70	
	13178	W. F. Waidner.....	1,166 11	1,337 60
Oct. 31	13237	H. A. Gilmore.....	\$190 10	
	13238	W. F. Waidner.....	266 82	456 92
Nov. 29	13326	W. F. Waidner.....	\$130 86	130 86
1913.				
Jan. 25	13462	W. F. Waidner.....	\$211 27	
	13463	H. R. Scovill Co.....	117 00	328 27
		Total.....		\$2,537 31
1912.		Making new tunnel, extending old one and removing boiler house:		
July 30	13106	Kenneth Anderson Co.....	\$177 67	
	13107	O. A. Hankinson.....	95 67	
	13108	E. L. Sanderson & Son.....	37 64	\$310 98
Aug. 31	13145	Kenneth Anderson Co.....	\$307 22	
	13146	O. E. Thompson & Sons.....	200 00	
	13147	The Whitehead & Kales Iron Works.....	89 93	
	13148	O. A. Hankinson.....	61 79	658 94
		Total.....		\$969 92
1912.		Six sixty inch by sixteen foot tubular boilers:		
Aug. 31	13143	O. E. Thompson & Sons.....	\$498 00	
	13144	O. A. Hankinson.....	243 94	\$741 94
Sept. 27	13173	O. A. Hankinson.....	\$106 19	106 19
Oct. 31	13235	O. A. Hankinson.....	\$23 88	
	13236	N. Gass & Son.....	221 49	245 37
		Total.....		\$1,093 50
1912.		Steel ceilings in main building:		
Sept. 27	13174	H. R. Scovill Co.....	\$30 30	
	13175	H. A. Gilmore.....	539 33	\$569 63
Oct. 31	13239	H. A. Gilmore.....	\$168 18	168 18
		Total.....		\$737 81
1912.		Wiring and lighting old part of main building:		
Oct. 31	13240	Eastern Michigan Edison Co.....	\$153 52	\$153 52
1913.				
Jan. 25	13464	Washtenaw Electric Shop.....	\$33 36	33 36
		Total.....		\$186 88
1912.		New roof for Starkweather Hall:		
Nov. 29	13327	F. L. Shaefer.....	\$107 70	\$107 70
1913.		Increased storage:		
April 26	13658	State Treasurer.....	\$500 00	\$500 00

STATE OF MICHIGAN

MICHIGAN STATE NORMAL COLLEGE.

Exhibit F.—Continued.

Date.	No. of voucher.	Payee.	Amount.	Total.
1913.		General repairs:		
July 28	13845	O. A. Hankinson.....	\$2,094 71	
	13846	Kenneth Anderson Co.....	314 94	
	13847	H. A. Gilmore.....	179 18	
	13848	W. F. Waidner.....	101 75	
				\$2,690 58
Aug. 31	13866	C. P. Steimle, Sec.-Reg.....	\$75 81	
	13867	W. F. Waidner.....	89 38	
	13868	H. A. Gilmore.....	143 85	
	13869	W. L. McCullough Co.....	238 10	
	13870	Slatington-Bangor Slate Syndicate.....	512 85	
				1,059 99
Sept. 26	13911	Pittsburg Plate Glass Co.....	\$10 48	
	13912	Clarence H. Knisely.....	47 12	
	13913	Central Boiler Works.....	129 65	
	13914	O. A. Hankinson.....	892 21	
	13915	W. L. McCullough Co.....	9 60	
	13916	W. F. Waidner.....	609 95	
	13917	H. A. Gilmore.....	556 68	
				2,255 69
Oct. 31	13995	The W. J. Burton Co.....	\$440 49	
	13996	O. A. Hankinson.....	438 55	
	13997	W. F. Waidner.....	313 13	
	13998	H. A. Gilmore.....	254 22	
				1,446 39
Dec. 23	14081	H. A. Gilmore.....	\$47 35	
				47 35
		Total.....		\$7,500 00
1913.		Site for new auditorium:		
July 28	13849	Elizabeth A. VanHorn.....	\$200 00	
	13850	Fred Reinhart.....	210 00	
	13851	Frederick E. Quigley, Nettie Quigley.....	525 00	
	13852	Libbie Beal.....	510 00	
				\$1,445 00
Aug. 30	13871	Libbie Beal.....	\$2,451 50	
	13872	Fred E. Quigley, Nettie Quigley.....	2,864 82	
	13873	Elizabeth A. Van Horn.....	4,785 00	
	13874	Ida Reinhart.....	1,974 00	
	13875	Ninetta Stone.....	2,060 90	
				14,136 22
Sept. 26	13919	The Ypsilanti Agency Co.....	\$459 79	
	13920	The Ypsilanti Agency Co.....	95 54	
				592 33
1914.				
April 28	14339	Smith, Hinchman & Grylls.....	\$3,961 82	
				3,961 82
June 27	14456	H. V. Snyder & Son.....	\$7,211 18	
	14457	Smith, Hinchman & Grylls.....	117 62	
	14458	Floyd Curtiss.....	19 50	
				7,348 30
		Total.....		\$27,483 67
1913.		Enlarging plant house:		
Sept. 26	13918	John C. Moninger Co.....	\$366 44	
				\$366 44
1914.				
Jan. 31	14161	W. F. Waidner.....	\$253 51	
	14162	O. A. Hankinson.....	135 45	
	14163	Schaffer & Frain.....	89 95	
	14164	H. A. Gilmore.....	82 05	
	14165	H. R. Scovill Co.....	49 38	
	14166	C. P. Steimle, Sec.-Reg.....	23 22	
				633 56
		Total.....		\$1,000 00

STATE BOARD OF EDUCATION

99

MICHIGAN STATE NORMAL COLLEGE.

Exhibit F.—Concluded.

Date.	No. of voucher.	Payee.	Amount.	Total.
1913. Dec. 23	14082	Gymnasium: A. R. Cole & Co.....	\$4,999 95	\$4,999 95
1914. Jan. 31	14171 14172 14173	A. R. Cole & Co..... Smith, Hinchman & Grylls..... A. R. Cole & Co.....	\$4,424 40 692 78 8,389 98	13,507 16
Mar. 27	14278 14279 14280	A. R. Cole & Co..... Smith, Hinchman & Grylls..... Smith, Hinchman & Grylls.....	\$8,687 16 337 83 34 14	9,059 13
April 28	14340 14341	A. R. Cole & Co..... Smith, Hinchman & Grylls.....	\$6,495 79 24 47	6,520 26
May 26	14392 14393	Smith, Hinchman & Grylls..... C. H. Kittredge.....	\$116 23 400 00	516 23
June 27	14461	Smith, Hinchman & Grylls.....	\$8 06	8 06
		Total.....		\$34,610 79
1914. Jan. 31	14167 14168 14169 14170	School infirmary: F. E. Quigley..... O. A. Hankinson..... W. F. Waldner..... H. A. Gilmore.....	\$123 50 169 76 173 49 245 22	\$711 87
Feb. 28	14225 14226	Davis & Kishlar..... Clarke Bros.....	\$247 81 447 90	695 71
Mar. 27	14275 14276 14277	W. F. Waldner..... F. H. Nissly..... H. R. Scovill.....	\$68 00 31 05 8 85	107 90
April 28	14342	Bert Campbell.....	\$30 00	30 00
May 26	14388 14389 14390 14391	Clarke Bros..... Davis & Kishlar..... Bert Campbell..... O. E. Thompson & Sons.....	\$161 40 36 23 15 75 13 83	227 21
June 27	14459 14460	O. A. Hankinson..... Milford Starks.....	\$125 55 16 96	142 51
		Total.....		\$1,915 20
1914. Feb. 28	14227	Payment of indebtedness to North Gass: John W. Haarer, Treas., State of Michigan.....	\$95 44	\$95 44
1914. May 26	14394	Repairing main roof: Shaefer Hardware Co.....	\$580 45	\$580 45
1912. Sept. 30		New toilet room for men: Transfer of funds to boiler fund.....	\$221 49	\$221 49
		Total disbursements.....		\$79,318 67

STATE OF MICHIGAN

CENTRAL MICHIGAN NORMAL SCHOOL.

EXHIBIT A.

T. W. Nadal, Treasurer, Dr., for fiscal year ending June 30, 1913.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
1912.				
June 30		Balance from former year.....		\$12 32
		Legislative appropriations:		
July 11	448	State Treasurer.....	\$6,666 66	
Aug. 17	452	State Treasurer.....	6,666 66	
Sept. 18	453	State Treasurer.....	6,666 66	
Oct. 30	455	State Treasurer.....	6,666 66	
Nov. 13	461	State Treasurer.....	6,666 66	
Dec. 23	463	State Treasurer.....	6,666 66	
1913.				
Jan. 16	465	State Treasurer.....	6,666 66	
Feb. 19	471	State Treasurer.....	6,666 66	
Mar. 31	473	State Treasurer.....	6,666 66	
April 4	475	State Treasurer.....	6,666 66	
May 25	483	State Treasurer.....	6,666 66	
June 18	486	State Treasurer.....	6,666 74	
				80,000 00
1912.		Other sources:		
July 11	444	Diploma and certificate fees.....	\$288 00	
	445	Manual arts fees.....	111 00	
	446	Laboratory fees.....	28 50	
	447	Tuition fees.....	1,629 00	
	449	Commercial Savings Bank, Albion, Mich.....	11 40	
	450	To correct error in interest for May (Triplicate 441).....	2 02	
Aug. 3	451	Commercial & Savings Bank, Albion, Mich.....	12 06	
Sept. 1	454	Commercial Savings Bank, Albion, Mich.....	10 46	
Oct. 30	456	Tuition fees.....	1,944 00	
	457	Diploma and certificate fees.....	204 00	
	458	Science laboratory fees.....	14 00	
	459	Manual arts fees.....	75 00	
Oct. 2	460	Commercial Savings Bank, Albion, Mich.....	13 41	
Nov. 12	462	Commercial Savings Bank, Albion, Mich.....	7 58	
Dec. 5	464	Commercial Savings Bank, Albion, Mich.....	12 37	
1913.				
Jan. 15	466	Commercial Savings Bank, Albion, Mich.....	7 59	
	467	Diploma fees.....	78 00	
	468	Manual arts fees.....	73 00	
	469	Science department fees.....	29 00	
	470	Tuition fees.....	1,863 00	
Feb. 15	472	Commercial Savings Bank, Albion, Mich.....	9 51	
Mar. 15	474	Commercial Savings Bank, Albion, Mich.....	10 29	
April 25	476	Science department fees.....	16 50	
April 19	477	Manual arts fees.....	78 00	
	478	Tuition fees.....	1,566 00	
	479	Science department fees.....	29 00	
	480	Manual arts fees.....	44 00	
	481	Diploma and certificate fees.....	62 00	
	482	Commercial Savings Bank, Albion, Mich.....	7 79	
May 15	484	George Wahr.....	23	
	485	Commercial and Savings Bank, Albion, Mich.....	13 41	
June 15	487	Commercial and Savings Bank, Albion, Mich.....	10 29	
				8,260 41
		Total receipts from all sources.....		\$88,272 73

STATE BOARD OF EDUCATION

101

CENTRAL MICHIGAN NORMAL SCHOOL.

EXHIBIT B.

T. W. Nadal, Treasurer, Cr., for fiscal year ending June 30, 1913.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
FORMER YEAR.					
1912. July 30	6034	J. W. Hance, P. M.	Postage.	\$12 32	
		Total expenditure former year, balance.			\$12 32
PRESENT YEAR.					
July 31	6035	Pay roll.	Salaries.	\$7,100 01	
	6036	St. Johns Table Co.	Manual arts.	31 93	
	6037	C. A. Moody.	Grounds.	30 90	
	6038	B. M. Gould.	Printing.	36 40	
	6039	Robt. Richardson.	Advertising.	2 50	
	6040	The Ann Arbor Press.	Advertising.	264 00	
	6041	H. R. Pattengill.	Advertising.	39 00	
	6042	Kenneth Anderson Co.	General supplies.	1 20	
	6043	Foster Furn. & Hardware Co.	General supplies.	24 72	
	6044	A. B. Dick Company.	General supplies.	3 50	
	6045	Imperial Brush Co.	General supplies.	3 75	
	6046	Gray & Lathrop.	General Supplies.	1 00	
	6047	Allyn & Bacon.	General supplies.	5 40	
	6048	Electric Appliance Co.	Alt. and repairs.	7 75	
	6049	F. L. Klunzinger.	Alt. and repairs.	3 85	
	6050	H. D. Wardwell.	Alt. and repairs.	16 00	
	6051	J. W. Hance, P. M.	Postage.	30 00	
	6052	Grumiaux News and Sub. Co.	Library.	206 40	
	6053	George Wahr.	Library.	8 09	
	6054	Universal Binder.	Library.	1 00	
	6055	University of Michigan.	Library.	2 00	
	6056	Warwick & York, Inc.	Library.	1 50	
	6057	H. H. Hunter, City Clerk.	Water.	38 10	
	6058	M. V. O'Shea.	Lecture.	100 85	
	6059	L. D. Harvey.	Com. address.	86 75	
	6060	The D. Hill Nursery Co., Inc.	Agricultural Dept.	2 00	
	6061	The Bay City Tribune Co.	Fuel.	3 85	
	6062	Mt. Pleasant Light & F. Co.	Fuel, lights.	9 35	
	6063	L. Coleman.	Extra labor.	23 72	
	6064	W. Scott Thurber.	Decoration.	15 00	
	6065	Consolidated Lt. & Power Co.	Sundries.	15 48	
	6066	Lena B. Pollex, Secretary.	Sundries.	39 60	
	6067	J. George Zwergel & Son.	Sundries.	9 95	
	6068	W. Doughty.	Sundries.	8 64	
	6069	A. D. Baughman, P. M.	Postage.	10 62	
Aug. 31	6071	Pay roll.	Salaries.	\$6,454 34	8,184 81
	6072	Lena B. Pollex, Secretary.	Sundries.	21 09	
	6073	C. A. Moody.	Grounds.	24 75	
	6074	Consolidated Lt. & Power Co.	Fuel, Lights.	22 54	
	6075	Mt. Pleasant Light & Fuel Co.	Fuel, lights.	5 99	
	6076	A. L. A. Publishing Board.	Library.	1 20	
	6077	Michigan State Telephone Co.	Telephone rental.	6 00	
	6078	Central Normal Bulletin.	Advertising.	50 00	
	6079	W. O. Hullinger.	Printing.	85 50	
	6080	Saint Louis Biological Lab.	Biology Dept.	1 60	
	6081	Bausch & Lomb Optical Co.	Biology Dept.	6 38	
	6082	W. C. Bagley.	Lecture.	77 74	
	6083	W. N. Ferris.	Lecture.	35 00	
	6084	F. G. Blair.	Lecture.	100 00	
	6085	A. J. Freeman.	Extra labor.	22 55	
	6086	Johnson Service Co.	Alt. and repairs.	4 02	
	6087	Morrison & Dains.	Alt. and repairs.	6 55	
	6088	B. A. Hight.	Alt. and repairs.	3 66	
	6089	Fort Wayne Electric Works.	General supplies.	6 48	
	6390	Wolverine Oil Co.	General supplies.	7 00	
	6091	Foster Furn. & Hardware Co.	General supplies.	20 75	
	6092	C. A. Campbell & Son.	General supplies.	10 77	
	6093	Williams, Brown & Earle, Inc.	Sundries.	25 07	6,998 98

STATE OF MICHIGAN

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912					
Sept. 30	6097	Pay roll.....	Salaries.....	\$5,650 23	
Sept. 27	6098	C. A. Moody.....	Grounds.....	25 25	
	6099	Arthur Seger.....	Alt. and repairs.....	90 48	
	6100	Lewis Mfg. Co.....	Alt. and repairs.....	13 00	
	6101	The Gorham Bros. Co.....	Alt. and repairs.....	16 33	
	6102	Foster Furn. & Hardware Co.....	Alt. and repairs.....	35 07	
	6103	Herbert Bailey.....	Alt. and repairs.....	28 20	
	6104	Parsons Slate Co.....	Alt. and repairs.....	55 05	
	6105	W. H. Lloyd.....	Alt. and repairs.....	9 00	
	6106	Ed. Campbell.....	Alt. and repairs.....	10 15	
	6107	David Mauer.....	Extra labor.....	12 00	
	6108	F. B. Doane.....	Extra labor.....	13 00	
	6109	Theo. B. Robertson Soap Co.....	General supplies.....	17 75	
	6110	H. D. Edwards & Co.....	General supplies.....	4 25	
	6111	Snowflake Soap & Powder Co.....	General supplies.....	8 13	
	6112	Pathfinder Pub. Co.....	General supplies.....	1 00	
	6113	The Richmond & Backus Co.....	General supplies.....	8 75	
	6114	W. M. Welch Mfg. Co.....	Diplomas.....	255 00	
	6115	Hausman & Dunn Co.....	Agricultural Dept.....	2 09	
	6116	Union Telephone Co.....	Telephone rental.....	24 00	
	6117	D. C. Heath & Co.....	Training school.....	14 04	
	6118	W. Doughty.....	Sundries.....	6 01	
	6119	Lena B. Pollex, Secretary.....	Sundries.....	23 70	
	6120	Thos. R. Dougherty.....	Sundries.....	99 05	
	6121	J. W. Hance, P. M.....	Postage.....	100 00	
	6122	Consolidated Lt. & Power Co.....	Fuel, lights.....	14 82	
	6123	Alex. Y. Malcomson Co.....	Fuel.....	278 64	
	6124	Mt. Pleasant Lt. & Fuel Co.....	Fuel, lights.....	5 28	
					\$6,820 27
Oct. 31	6133	Pay roll.....	Salaries.....	\$6,179 05	
	6134	George L. Granger.....	Sundries.....	39 35	
	6135	J. W. Hance, P. M.....	Postage.....	60 00	
	6136	The Electric City Eng. Co.....	Geography Dept.....	4 82	
	6137	Scott, Foreman & Co.....	Training school.....	12 00	
	6138	Houghton, Mifflin Co.....	Training school.....	30 40	
	6139	C. A. Moody.....	Extra labor.....	12 75	
	6140	Mt. Pleasant Laundry.....	Extra labor.....	10 23	
	6141	Kennedy Bros.....	Alt. and repairs.....	2 04	
	6142	H. D. Edwards & Co.....	Alt. and repairs.....	9 24	
	6143	Spalsbury Bros.....	Alt. and repairs.....	6 86	
	6144	B. A. Hight.....	Alt. and repairs.....	6 10	
	6145	Foster Furn. & Hardware Co.....	Alt. and repairs.....	21 91	
	6146	Arthur Seger.....	Alt. and repairs.....	2 90	
	6147	B. M. Gould.....	Printing.....	42 22	
	6148	Kee Lox Mfg. Co.....	Office supplies.....	3 00	
	6149	Wickes Brothers.....	General supplies.....	1 50	
	6150	Wolverine Oil Co.....	General supplies.....	2 00	
	6151	A. B. Dick Company.....	Office supplies.....	13 75	
	6152	The Kny-Scheerer Co.....	Agriculture Dept.....	14 45	
	6153	Romeyn B. Hough Company.....	Agriculture Dept.....	10 00	
	6154	The Prang Company.....	Art department.....	4 04	
	6155	The Grumiaux News & Pub. Co.....	Library.....	1 00	
	6156	Springport Bookbindery.....	Library.....	137 15	
	6157	The H. W. Wilson Co.....	Library.....	16 00	
	6158	Consolidated Lt. & Power Co.....	Fuel, Lights.....	10 98	
	6159	Alex. Y. Malcomson Coal Co.....	Fuel.....	307 80	
	6160	Mt. Pleasant Lt. & Fuel Co.....	Fuel, light.....	3 84	
	6161	Albert V. Renwick.....	Music Dept.....	12 00	
	6162	J. George Zwergel & Son.....	Sundries.....	89 46	
	6163	Lena B. Pollex, Secretary.....	Sundries.....	41 90	
					7,108 74
Nov. 30	6173	Pay roll.....	Salaries.....	\$6,200 65	
Nov. 29	6174	Union Telephone Co.....	Telephone rental.....	24 00	
	6175	Michigan State Telephone Co.....	Telephone rental.....	6 00	
	6176	H. H. Hunter, City Clerk.....	Water.....	23 83	
	6177	B. M. Gould.....	Printing.....	12 20	
	6178	Thompson-Brown Company.....	Training school.....	15 84	
	6179	Silver Burdette & Co.....	Training school.....	14 82	
	6180	The Laurel Book Co.....	Training school.....	5 67	
	6181	Kenneth Anderson Co.....	General supplies.....	7 37	
	6182	The Chas. E. Hagan Co.....	General supplies.....	19 50	
	6183	Standard Oil Company.....	General supplies.....	9 94	
	6184	The Richmond & Backus Co.....	Office supplies.....	2 00	
	6185	American Sanitary Products Co.....	General Supplies.....	15 00	
	6186	Wolverine Oil Co.....	General supplies.....	11 73	

STATE BOARD OF EDUCATION

103

CENTRAL MICHIGAN NORMAL COLLEGE.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912					
Nov. 29	6187	George Wahr	Library	\$22 24	
	6188	Herbert Putnam, Lib. of Cong.	Library	10 00	
	6189	The H. W. Wilson Co.	Library	31 26	
	6190	Bausch & Lomb Optical Co.	Science Dept.	103 54	
	6191	Electro Importing Co.	Science Dept.	9 36	
	6192	Central Scientific Co.	Science Dept.	18 81	
	6193	Mt. Pleasant Lt. & Fuel Co.	Fuel, lights.	7 43	
	6194	Alex. Y. Malcomson Coal Co.	Fuel.	92 74	
	6195	A. Renwick	Alt. and repairs	9 10	
	6196	J. George Zwergel & Son.	Sundries	238 80	
	6197	W. Doughty	Sundries	40 32	
	6198	Foster Furn. & Hardware Co.	Sundries	15 19	
	6199	Lena B. Pollex, Secretary.	Sundries	26 33	
	6200	Thomas Charles Co.	Sundries	7 88	
					\$7,001 55
Dec. 31	6204	Pay roll	Salaries	\$6,369 75	
Dec. 27	6205	Central Scientific Co.	Science Dept.	12 75	
	6206	Bausch & Lomb Optical Co.	Science Dept.	5 45	
	6207	J. W. Hance, P. M.	Postage	100 00	
	6208	George Wahr	Library	81 98	
	6209	The Jour. of Am. History.	Library	4 00	
	6210	Gaylord Bros.	Library	3 05	
	6211	Harvard Uni. Pub. Office.	Library	3 00	
	6212	Library Bureau	Library	5 00	
	6213	Houghton Mifflin Co.	Library	84	
	6214	Springport Bookbindery	Library	3 72	
	6215	Clarence W. Bowen, Treas.	Library	3 00	
	6216	Frank C. Teal Company	Lights	55 20	
	6217	Alex. Y. Malcomson Coal Co.	Fuel.	285 30	
	6218	Detroit Trust Co., Rec.	Lights	120 67	
	6219	Mt. Pleasant Lt. & Fuel Co.	Fuel, lights.	9 23	
	6220	C. T. Grawn	Contingent	12 73	
	6221	The Cable Company	Music Dept.	17 50	
	6222	Arthur Seger	Alt. and repairs	23 29	
	6223	Central Normal Bulletin.	Advertising	30 00	
	6224	A. J. Freeman	Extra labor	10 00	
	6225	The Macmillan Company.	Training school.	68 20	
	6226	Longmans, Green & Co.	Training school.	4 11	
	6227	Rand, McNally & Co.	Training school.	12 90	
	6228	White Mop Wringer Co.	General supplies.	2 50	
	6229	Marsh & Graham	General supplies.	8 04	
	6230	The Pierce Mfg. Co.	General supplies.	20 97	
	6231	Standard Supply Co.	General supplies.	8 00	
	6232	Keystone View Co.	General supplies.	35 00	
	6233	A. B. Dick Company	Office supplies	6 55	
	6234	Lena B. Pollex, Secretary.	Sundries	60 43	
	6235	J. George Zwergel & Son.	Sundries	39 41	
	6236	Breidenstein & Kane.	Sundries	7 50	
	6237	W. Doughty	Sundries	19 08	
	6238	Thomas Charles Co.	Sundries	15 84	
	6239	Foster Furn. & Hardware Co.	Sundries	25 46	
					7,490 45
1913.					
Jan. 31	6243	Pay roll	Salaries	\$6,398 05	
Jan. 25	6244	University of Chicago Press	Library	6 50	
	6245	George Wahr	Library	45 90	
	6246	Agricultural Service Co.	Library	21 00	
	6247	Library Bureau	Library	6 00	
	6248	The Macmillan Company.	Library	15 00	
	6249	B. A. Hight	Alt. and repairs	28 63	
	6250	Valley Cornice & Slate Co., Ltd	Alt. and repairs	21 00	
	6251	Chicago Engraving Co.	Music department.	6 00	
	6252	Alex. Y. Malcomson Coal Co.	Fuel.	516 06	
	6253	Petrol Trust Co., Rec.	Fuel, lights.	58 29	
	6254	Foster Furn. & Hardware Co.	General supplies.	17 46	
	6255	American Sanitary Products Co	General supplies.	11 00	
	6256	Kee Lox Manufacturing Co.	Office supplies	6 00	
	6257	A. B. Dick Company	Office supplies	8 50	
	6258	S. D. Childs & Company.	Office supplies	3 00	
	6259	Johnson Service Co.	General supplies.	1 46	
	6260	W. Scott Thurber	General supplies.	20 25	
	6261	George L. Granger	General supplies.	20 25	
	6262	The Cudahy Packing Co.	General supplies.	26 60	
	6263	Mich. Agricultural College.	Agri. department.	10 00	
	6264	Lawrence Coleman	Extra labor	18 99	

STATE OF MICHIGAN

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Jan. 25	6265	Wagner Bros. & Co.....	Geography Dept....	\$3 12	
	6266	Bradner Smith & Co.....	Manual arts Dept..	12 57	
	6267	Gane Bros. & Co.....	Manual arts Dept..	2 52	
	6268	M. Welsh.....	Manual arts Dept..	26 88	
	6269	Houghton Mifflin Co.....	Training school....	4 80	
	6270	C. H. Stoelting Co.....	Science Dept.....	158 45	
	6271	B. M. Gould.....	Sundries.....	60 65	
	6272	Mt. Pleasant Lt. & Fuel Co....	Sundries.....	16 37	
	6273	Lena B. Pollex, Secretary.....	Sundries.....	61 49	
	6274	W. O. Hullinger.....	Sundries.....	126 45	
	6275	W. Doughty.....	Sundries.....	5 99	
	6276	C. T. Grawn.....	Contingent.....	19 75	
	6277	American Library Ass'n.....	Library.....	2 00	
		To correct error in voucher No. 6173.....			\$7,751 23
					13 60
					\$7,764 83
Feb. 28	6278	Pay roll.....	Salaries.....	\$5,773 30	
	6279	Harvey H. Lowrey.....	Contingent.....	5 95	
	6280	H. P. Bush.....	Contingent.....	7 18	
	6281	W. H. Faunce.....	Contingent.....	3 04	
	6282	Theo. H. Townsend.....	Contingent.....	4 52	
	6283	W. J. Musselman.....	Contingent.....	11 02	
	6284	Asa H. Aldrich.....	Contingent.....	2 28	
	6285	T. H. Fewlass.....	Contingent.....	9 32	
	6286	Bert J. Ford.....	Contingent.....	3 28	
	6287	Burton S. Tefft.....	Contingent.....	2 86	
	6288	Lee Hornsby.....	Contingent.....	7 32	
	6289	H. E. Slocum.....	Contingent.....	3 86	
	6290	John B. Laing.....	Contingent.....	3 03	
	6291	Howard A. Potter.....	Contingent.....	1 02	
	6292	Geo. F. Roxburg.....	Contingent.....	5 16	
	6293	Floyd Armstrong.....	Contingent.....	6 74	
	6294	C. T. Grawn.....	Contingent.....	7 95	
	6295	University of Chicago Press.....	Library.....	7 00	
	6296	Library Bureau.....	Library.....	80 00	
	6297	The Rural Educator Co.....	Library.....	1 00	
	6298	George Wahr.....	Library.....	90 03	
	6299	Alex. Y. Malcomson Coal Co....	Fuel.....	413 64	
	6300	Mt. Pleasant Lt. & Fuel Co....	Fuel.....	13 97	
	6301	Detroit Trust Co.....	Fuel, lights.....	25 20	
	6302	Thompson Brown Co.....	Training school....	5 28	
	6303	Atkinson, Mentzer & Co.....	Training school....	7 68	
	6304	Row, Peterson & Co.....	Training school....	7 68	
	6305	The Macmillan Co.....	Training school....	4 01	
	6306	Ginn & Company.....	Training school....	13 49	
	6307	The U. S. Graphite Co.....	General supplies....	22 00	
	6308	West Disinfecting Co.....	General supplies....	12 50	
	6309	Foster Furn. & Hardware Co....	General supplies....	12 73	
	6310	The Hunnewell Soap Co.....	General supplies....	24 00	
	6311	E. L. LeQuatte.....	General supplies....	4 80	
	6312	Fred. Frick Clock Co.....	Alt. and repairs....	7 79	
	6313	The Gorham Bros. Co.....	Alt. and repairs....	47 03	
	6314	Union Tel. Co.....	Telephone rental....	24 00	
	6315	J. W. Hance, P. M.....	Postage.....	100 00	
	6316	Johnson & Hunnywell.....	Manual arts Dept..	16 20	
	6317	The Kny-Scheerer Co.....	Agri. department....	2 00	
	6318	Mich. State Telephone Co.....	Telephone rental....	6 00	
	6319	D. M. Ferry & Co.....	Biology Dept.....	1 53	
	6320	Ward's Nat. Sci. Estab'ment.....	Biology Dept.....	11 60	
	6321	Lena B. Pollex, Secretary.....	Sundries.....	21 30	
	6322	Central Scientific Co.....	Sundries.....	57 36	
	6323	Gaylord Bros.....	Sundries.....	10 46	
	6324	Houghton Mifflin Co.....	Sundries.....	13 73	
	6325	W. Doughty.....	Sundries.....	14 88	
	6326	Thomas Charles Co.....	Sundries.....	13 24	
	6327	A. D. Baughman, P. M.....	Postage.....	10 62	
					6,953 58
Mar. 31	6333	Pay roll.....	Salaries.....	\$6,379 65	
Mar. 29	6334	The Gorham Bros. Co.....	Alt. and repairs....	15 43	
	6335	B. A. Hight.....	Alt. and repairs....	4 05	
	6336	Central Scientific Co.....	Scientific Dept....	1 00	

STATE BOARD OF EDUCATION

105

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 May 29	6337	J. W. Hance, P. M.	Postage.	\$120 00	
	6338	National Society for the Pro- motion of Indust. Education.	Library.	2 00	
	6339	University of Chicago Press.	Library.	1 35	
	6340	Warwick & York, Inc.	Library.	1 50	
	6341	George Wahr.	Library.	93 47	
	6342	Himebaugh & Browne.	Library.	7 65	
	6343	Wood-Mosaic Co., Inc.	Manual arts Dept.	12 00	
	6344	The Thos. K. Lewis Co.	Manual arts Dept.	14 06	
	6345	Saginaw Hardware Co.	Manual arts Dept.	11 18	
	6346	Mt. Pleasant Lt. & Fuel Co.	Fuel, lights.	15 56	
	6347	Alex. Y. Malcomson Coal Co.	Fuel.	324 34	
	6348	Detroit Trust Co., Rec.	Fuel, lights.	64 97	
	6349	H. D. Edwards & Co.	General supplies.	2 54	
	6350	Keystone View Co.	General supplies.	22 10	
	6351	The Ohio Grease Lub. Co.	General supplies.	16 10	
	6352	Johnson Service Co.	General supplies.	1 49	
	6353	American Sanitary Prod. Co.	General supplies.	11 00	
	6354	Kenneth Anderson Co.	General supplies.	9 69	
	6355	A. B. Dick Company.	General supplies.	9 00	
	6356	Wagner Bros. & Co.	Geography Dept.	4 13	
	6357	A. J. Freeman.	Diplomas.	6 00	
	6358	Helen D. Carson.	Lectures.	2 80	
	6359	Thomas Charles Co.	Kindergarten Dept.	19 04	
	6360	C. W. Campbell & Son.	General supplies.	6 30	
	6361	Normal Drug & Book Co.	Sundries.	16 81	
	6362	Foster Furn. & Hardware Co.	Sundries.	10 25	
	6363	W. Doughty.	Sundries.	14 04	
	6364	Lena B. Pollex, Secretary.	Sundries.	56 42	
	6365	C. F. Tambling.	To correct error on voucher No. 6071.	2 98	
					\$7,276 90
April 30	6372	Pay roll.	Salaries.	\$6,066 50	
April 26	6373	C. T. Grawn.	Contingent.	18 28	
	6374	Mich. State Telephone Co.	Telephone rental.	6 00	
	6375	Union Telephone Co.	Telephone rental.	24 00	
	6376	Arthur Seger.	Alt. and repairs.	1 75	
	6377	W. Scott Thurber.	Pictures.	65 00	
	6378	L. Coleman.	Extra labor.	18 63	
	6379	A. G. Spalding & Bros.	Phys. Edu. Dept.	2 50	
	6380	C. E. Hagan Co.	Office supplies.	71 40	
	6381	Rand, McNally & Co.	History Dept.	15 20	
	6382	The Kny-Scheerer Co.	Agri. Dept.	6 00	
	6383	Williams, Brown & Earle, Inc.	Agri. Dept.	7 26	
	6384	The Electric City Eng. Co.	Advertising.	32 72	
	6385	B. M. Gould.	Printing.	38 80	
	6386	Hammacher, Schlemmer & Co.	Manual arts Dept.	1 49	
	6387	National Education Ass'n.	Library.	2 00	
	6388	George Wahr.	Library.	44 15	
	6389	The Macmillan Company.	Library.	5 00	
	6390	Mt. Pleasant Lt. & Fuel Co.	Fuel, lights.	12 47	
	6391	The Jackson Citizen Press.	Fuel.	9 90	
	6392	Alex. Y. Malcomson Coal Co.	Fuel.	473 94	
	6393	Detroit Trust Co., Rec.	Lights.	29 64	
	6394	B. A. Hight.	General supplies.	11 38	
	6395	H. D. Edwards & Co.	General supplies.	10 95	
	6396	Foster Furn. & Hardware Co.	General supplies.	5 83	
	6397	Mrs. Geo. W. Rowe.	General supplies.	6 10	
	6398	W. Doughty.	Sundries.	21 96	
	6399	Lena B. Pollex, Secretary.	Sundries.	35 79	
	6400	M. Welsh.	Sundries.	42 36	
					7,087 00
May 31	6405	Pay roll.	Salaries.	\$6,265 80	
	6406	The H. R. Hunting Co.	Library.	11 25	
	6407	The New York Times Index.	Library.	6 00	
	6408	George Wahr.	Library.	51 59	
	6409	C. A. Moody.	Grounds.	44 13	
	6410	A. S. Halsted.	Grounds.	19 95	
	6411	The Phila. Lawn Mower Co.	Grounds.	93 75	
	6412	R. J. Coryell.	Grounds.	25 45	
	6413	Wm. Swindlehurst.	Grounds.	14 50	
	6414	D. H. Maurer.	Grounds.	31 00	
	6415	Viscosity Oil Co.	General supplies.	11 40	

STATE OF MICHIGAN

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit B.—Concluded.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 May 31	6416	Foster Furn. & Hardware Co...	General supplies...	\$5 13	
	6417	E. E. Palmer.....	General supplies...	5 80	
	6418	Imperial Brush Co.....	General supplies...	39 65	
	6419	W. M. Welch Mfg. Co.....	Diplomas.....	22 50	
	6420	The Gorham Brothers Co.....	Alt. and repairs.....	17 97	
	6421	C. T. Grawn.....	Contingent.....	19 13	
	6422	A. G. Spalding & Bros.....	Phys. Edu. Dept.....	25 00	
	6423	Waterman Bros.....	Manual arts Dept.....	9 45	
	6424	The Kny-Scheerer Co.....	Agri. department.....	1 67	
	6425	The Chippewa.....	Advertising.....	25 00	
	6426	The Ann Arbor Press.....	Ptg and Adv.....	526 20	
	6427	Valley Cornice & Slate Co.....	Repairs.....	266 80	
	6428	The Jackson Citizen Press.....	Fuel, lights.....	10 50	
	6429	Detroit Trust Co., Rec.....	Fuel, lights.....	53 45	
	6430	Alex. Y. Malcomson Coal Co.....	Fuel.....	427 86	
	6431	Mt. Pleasant Lt. & Fuel Co.....	Fuel, lights.....	8 27	
	6432	J. George Zwergel & Son.....	Sundries.....	15 07	
	6433	W. O. Hullinger.....	Sundries.....	124 10	
	6434	Lena B. Pollex, Secretary.....	Sundries.....	75 15	
	6435	W. Doughty.....	Sundries.....	21 65	
	6436	Houghton Mifflin Company.....	Sundries.....	2 84	
	6437	The Recorder Press Co.....	Printing.....	2 40	\$8,280 41
June 30	6439	Pay roll.....	Salaries.....	\$6,066 50	
June 27	6440	George Wahr.....	Library.....	40 85	
	6441	Dodd, Mead & Co.....	Library.....	4 05	
	6442	The Chicago Record-Herald.....	Library.....	3 00	
	6443	Waterman Bros.....	General supplies.....	2 57	
	6444	Van Schaack Calcium Works.....	General supplies.....	2 50	
	6445	Kenneth Anderson Co.....	General supplies.....	3 37	
	6446	The Dudley Paper Co.....	General supplies.....	10 75	
	6447	Allyn & Bacon.....	General supplies.....	4 80	
	6448	Detroit Trust Co., Rec.....	Lights.....	40 13	
	6449	Mt. Pleasant Lt. & Fuel Co.....	Fuel, lights.....	9 36	
	6450	Malcomson-Houghton Co.....	Fuel.....	498 42	
	6451	Frank C. Teal Co.....	Lights.....	17 25	
	6452	Vaughan's Seed Store.....	Grounds.....	1 96	
	6453	C. A. Moody.....	Grounds.....	43 88	
	6454	Charles E. Merrill Co.....	Training school.....	7 68	
	6455	Keystone View Co.....	Lecture.....	2 67	
	6456	A. J. Freeman.....	Diplomas.....	33 25	
	6457	The Prang Company.....	Art Dept.....	3 00	
	6458	Eugene Dietzgen Co.....	Art Dept.....	1 41	
	6459	Dept. of Instr. Agron., U. of N.....	Agri. Dept.....	11 23	
	6460	Normal Drug & Book Co.....	Phys. Education.....	10 30	
	6461	Marsh & Graham.....	Phys. Education.....	9 41	
	6462	C. H. Stoelting Co.....	Psychology Dept.....	2 00	
	6463	J. W. Hance, P. M.....	Postage.....	30 00	
	6464	H. H. Hunter, City Clerk.....	Water.....	68 60	
	6465	K. P. Brooks.....	Contingent.....	10 33	
	6466	C. T. Grawn.....	Contingent.....	15 48	
	6467	C. E. Hagan Co.....	Sundries.....	6 92	
	6468	W. Doughty.....	Sundries.....	35 48	
	6469	Foster Furn. & Hardware Co.....	Sundries.....	6 11	
	6470	C. W. Campbell & Son.....	Sundries.....	89 95	
	6471	Arthur Seger.....	Sundries.....	20 94	
	6472	Lena B. Pollex, Secretary.....	Sundries.....	51 62	7,165 77
Total expenditure from present year fund.....					\$88,133 29
Total disbursements:					
From former year.....				\$12 32	
From present year.....				88,133 29	
Balance on hand to current year fund.....				127 12	
Balancing receipts for the year.....					\$88,272 73

STATE BOARD OF EDUCATION

107

CENTRAL MICHIGAN NORMAL SCHOOL.

EXHIBIT C.

T. W. Nadal, Treasurer, Dr., for fiscal year ending June 30, 1914.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
1913.				
June 30	488	Balance from former year	\$127 12	
		Commercial & Savings Bank, Albion, Mich.	8 76	\$135 88
		Legislative appropriations:		
July 20	489	State Treasurer	\$7,500 00	
Aug. 21	494	State Treasurer	7,500 00	
Sept. 20	496	State Treasurer	7,500 00	
Oct. 20	497	State Treasurer	7,500 00	
Nov. 21	503	State Treasurer	7,500 00	
Dec. 15	504	State Treasurer	7,500 00	
1914.				
Jan. 20	505	State Treasurer	7,500 00	
Feb. 23	510	State Treasurer	7,500 00	
Mar. 27	511	State Treasurer	7,500 00	
April 24	512	State Treasurer	7,500 00	
May 26	520	State Treasurer	7,500 00	
June 19	521	State Treasurer	7,500 00	90,000 00
1913.		Other sources:		
July 17	490	Tuition fees	\$1,779 00	
	491	Diploma and certificate fees	308 00	
	492	Manual arts department fees	38 00	
	493	Science department fees	24 50	
Aug. 15	495	Commercial & Savings Bank, Albion, Mich.	7 70	
Oct. 20	498	Diploma fees	226 00	
	499	Manual arts department fees	42 00	
	500	Science department fees	45 50	
	501	Tuition fees	1,875 00	
1914				
Jan. 27	506	Tuition fees	1,791 00	
	507	Science department fees	42 50	
	508	Diploma and certificate fees	50 00	
	509	Manual arts department fees	48 00	
April 24	513	Old Detroit National Bank	13 87	
	514	Commercial & Savings Bank, Albion, Mich.	32 52	
	515	Manual arts and domestic science fees	58 00	
	516	Tuition fees	1,578 00	
	517	Science department fees	23 00	
	518	Diploma and certificate fees	59 00	
June 4	522	E. W. Crandall	46	8,042 05
		Total receipts from all sources		\$98,177 93

STATE OF MICHIGAN

CENTRAL MICHIGAN NORMAL SCHOOL.

EXHIBIT D.

T. W. Nadal, Treasurer, Cr., for fiscal year ending June 30, 1914.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913.		FORMER YEAR.			
July 28	6476	Mt. Pleasant Lt. & Fuel Co....	Fuel and lights....	\$7 56	
	6477	Detroit Trust Co., Rec.....	Lights.....	25 17	
	6478	C. T. Grawn.....	Contingent.....	13 23	
	6479	Foster Furn. & Hardware Co....	General supplies....	18 78	
	6480	John Zimmerman.....	Decoration.....	12 00	
	6481	Thomas A. Anderson.....	Lecture.....	25 00	
	6482	J. B. Goetz Sons.....	Grounds.....	14 90	
	6483	J. W. Hance, P. M.....	Postage.....	1 59	
		Added to correct Voucher No. 6427.....			\$118 23
					01
					\$118 24
Sept. 26	6558	Kenneth Anderson Co.....	General supplies....	\$9 74	
	6559	J. W. Elmore.....	Extra labor.....	7 50	
	6560	J. W. Hance, P. M.....	Postage.....	40	
					17 64
		PRESENT YEAR.			\$135 88
July 28	6484	Pay roll.....	Salaries.....	\$7,618 95	
	6485	Erie City Iron Works.....	Repairs.....	21 35	
	6486	Skinner Engine Co.....	Repairs.....	9 35	
	6487	H. Bailey.....	Alt. and repairs....	42 30	
	6488	B. A. Hight.....	Repairs.....	2 90	
	6489	Malcomson-Houghton Co.....	Fuel.....	145 62	
	6490	D. Appleton & Co.....	Training school....	6 72	
	6491	J. W. Hance, P. M.....	Postage.....	40 00	
	6492	Central Normal Bulletin.....	Advertising.....	60 00	
	6493	B. M. Gould.....	Printing.....	117 80	
	6494	H. R. Pattengill.....	Advertising.....	76 05	
	6495	A. Seger.....	General supplies....	14 05	
	6496	The Cudahy Packing Co.....	General supplies....	12 00	
	6497	Kenneth Anderson Co.....	General supplies....	16 82	
	6498	The Richmond & Backus Co....	General supplies....	10 00	
	6499	The Cable Co.....	General supplies....	7 00	
	6500	Morrison & Dains.....	General supplies....	3 85	
	6501	Glen L. Ettinger.....	Extra labor.....	10 50	
	6502	The Greening Nursery Co.....	Agri. department..	2 00	
	6503	C. H. Stoelting Co.....	Psychology Dept....	113 37	
	6504	Badger Stereopticon Co.....	Psychology Dept....	27 46	
	6505	Houghton Mifflin Co.....	Library.....	53	
	6506	Gumiaux News & Sub. Co.....	Library.....	227 50	
	6507	Doubleday Page & Co.....	Library.....	8 00	
	6508	Gaylord Brothers.....	Library.....	5 95	
	6509	Alexander Johnson, Gen. Sec....	Library.....	2 50	
	6510	Bausch & Lomb Optical Co.....	Biology Dept.....	38 24	
	6511	C. A. Moody.....	Grounds.....	33 93	
	6512	S. H. Clark.....	Lectures.....	125 00	
	6513	Lewis Manufacturing Co.....	Manual arts.....	65 50	
	6514	Lena B. Pollex, Sec'y.....	Sundries.....	67 24	
	6515	W. Doughty.....	General supplies....	11 27	
	6516	George Wahr.....	Library.....	9 31	
					8,953 06
Aug. 30	6517	Pay roll.....	Salaries.....	\$7,038 45	
	6518	Union Telephone Co.....	Telephone rental..	24 00	
	6519	H. H. Hunter, City Clerk.....	Water.....	26 55	
	6520	C. T. Grawn.....	Contingent.....	11 35	
	6521	H. D. Thompson.....	Lecture.....	25 00	
	6522	Woodbridge N. Ferris.....	Lecture.....	50 00	
	6523	Wm. G. Frost.....	Lectures.....	121 70	
	6524	A. J. Freeman.....	Diplomas.....	25 50	
	6525	C. E. Hagan Co.....	Women's Dean Dp....	5 88	
	6526	The Globe-Wernicke Co.....	Women's Dean Dp....	33 75	
	6527	Thos. R. Dougherty.....	Music department..	79 00	
	6528	John W. Newall.....	Insurance.....	100 00	
	6529	Bausch & Lomb Optical Co.....	Biology Dept.....	13 50	
	6530	W. Doughty.....	Manual arts.....	16 79	
	6531	M. Welsh.....	Manual arts.....	40 44	
	6532	L. Coleman.....	Extra labor.....	18 42	

STATE BOARD OF EDUCATION

109

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913					
Aug. 30	6533	Gaylord Bros.	Library.	\$2 15	
	6534	George Wahr.	Library.	17 93	
	6535	Grumiaux News & Sub. Co.	Library.	85	
	6536	Frank Foxcraft, Treas. Living Age Co.	Library.	12 00	
	6537	Detroit Trust Co., Rec.	Lights.	30 02	
	6538	Frank C. Teal Co.	Lights.	8 19	
	6539	Mt. Pleasant Light & Fuel Co.	Fuel and lights.	13 22	
	6540	C. A. Moody.	Grounds.	11 75	
	6541	Valley Cornice & Slate Co.	Reading Dept.	63 00	
	6542	Lewis Manufacturing Co.	Alt. and repairs.	12 00	
	6543	The Gorham Bros. Co.	Alt. and repairs.	18 35	
	6544	The Titusville Iron Co.	Alt. and repairs.	42 50	
	6545	Foster Furn. & Hardware Co.	General supplies.	1 43	
	6546	West Disinfecting Co.	General supplies.	20 00	
	6547	The Pierce Brown Mfg. Co.	General supplies.	18 47	
	6548	Wolverine Oil Co.	General supplies.	7 50	
	6549	Ihling Bros. Everard Co.	General supplies.	6 97	
	6550	A. B. Dick Company.	Office supplies.	11 50	
	6551	W. O. Hullinger.	Printing.	44 00	
	6552	The Detroit Journal Co.	Advertising.	21 00	
	6553	The Electric City Eng. Co.	Advertising.	3 87	
	6554	The Isabella County Courier.	Printing.	13 50	
	6555	Normal Drug & Book Co.	Sundries.	34 02	
	6556	Lena B. Pollex, Secretary.	Sundries.	33 93	
	6557	S. O. Beery.	Sewing machine.	12 00	
					\$8,090 48
Sept. 30	6561	Pay roll.	Salaries.	\$5,999 60	
Sept. 26	6562	Mich. State Telephone Co.	Telephone rental.	6 00	
	6563	C. H. Stoelting Co.	Psychology Dept.	4 00	
	6564	The H. W. Wilson Co.	Library.	3 56	
	6565	Pathfinder Pub. Co.	Library.	1 00	
	6566	J. W. Hance, P. M.	Postage.	80 00	
	6567	Grand Rapids News.	Advertising.	30 00	
	6568	B. M. Gould.	Printing.	75 00	
	6569	C. A. Moody.	Grounds.	37 38	
	6570	Mt. Pleasant Lt. & Fuel Co.	Fuel and lights.	4 43	
	6571	Detroit Trust Co., Rec.	Lights.	22 28	
	6572	W. Doughty.	Rural school Dept.	15 41	
	6573	H. D. Edwards & Co.	General supplies.	16 43	
	6574	Viscocity Oil Co.	General supplies.	7 04	
	6575	F. R. Doane.	Alt. and repairs.	80 23	
	6576	A. Seger.	Alt. and repairs.	88 76	
	6577	The Gorham Bros Co.	Alt. and repairs.	99 85	
	6578	Foster Furn. & Hardware Co.	Alt. and repairs.	85 53	
	6579	B. A. Hight.	Alt. and repairs.	7 45	
	6580	Charles Rees.	Extra labor.	13 00	
	6581	Robert Labell.	Extra labor.	78 00	
	6582	Lena B. Pollex, Secretary.	Sundries.	17 11	
	6583	Kennedy Bros.	Sundries.	33 04	
					6,805 10
Oct. 31	6585	Pay roll.	Salaries.	\$6,867 12	
	6586	The M. W. Tanner Co.	Women's Dean Dp.	8 50	
	6587	W. M. Welch Mfg. Co.	Diplomas.	255 00	
	6588	F. R. Doane.	Furniture.	53 00	
	6589	Marshall Field & Co.	Art Dept.	20 64	
	6590	C. A. Moody.	Extra labor.	34 25	
	6591	Howard Brown.	Extra labor.	10 00	
	6592	L. Coleman.	Extra labor.	12 32	
	6593	C. H. Stoelting Co.	Psychology Dept.	15 22	
	6594	The Safe-Cabinet Co.	Psychology Dept.	13 20	
	6595	Arthur Seger.	Alt. and repairs.	14 94	
	6596	Johnson Service Co.	Alt. and repairs.	88 77	
	6597	Thomas Charles Co.	Kindergarten Dept.	19 49	
	6598	Detroit Trust Co., Rec.	Fuel and lights.	16 18	
	6599	McMillan & Son.	Fuel.	87 34	
	6600	Ohio & Michigan Coal Co.	Fuel.	309 98	
	6601	Mt. Pleasant Lt. & Fuel Co.	Fuel and lights.	7 40	
	6602	Central Scientific Co.	Science Dept.	70 06	
	6603	B. M. Gould.	Printing.	39 68	
	6604	Chas. D. Dawson.	Advertising.	10 00	
	6605	The Herald Publishing Co.	Advertising.	10 29	
	6606	Mount Pleasant Times.	Printing.	65 45	
	6607	The Detroit Journal Co.	Advertising.	21 00	
	6608	W. Doughty.	General supplies.	14 30	

STATE OF MICHIGAN

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher	Payee.	For what object.	Amount.	Total.
1913 Oct. 31	6609	American Sanitary Prod. Co.	General supplies.	\$11 00	
	6610	Kenneth Anderson Co.	General supplies.	2 47	
	6611	The Gorham Bros. Co.	General supplies.	3 47	
	6612	Foster Furn. & Hardware Co.	General supplies.	41 16	
	6613	The Electric City Eng. Co.	General supplies.	1 33	
	6614	Kee Lox Manufacturing Co.	General supplies.	10 00	
	6615	Society of Sanitary and Moral Phylaxis.	Library.	2 00	
	6616	The H. W. Wilson Co.	Library.	16 00	
	6617	The Boston Book Co.	Library.	151 93	
	6618	Springport Bindery.	Library.	166 70	
	6619	Harper & Brothers.	Library.	21 60	
	6620	Houghton Mifflin Co.	Library.	1 06	
	6621	Grumiaux News & Sub. Co.	Library.	1 40	
	6622	Union Telephone Co.	Telephone rental.	24 00	
	6623	P. C. Hayden.	Music Dept.	7 20	
	6624	Thos. R. Dougherty.	Music Dept.	148 05	
	6625	Dept. of Instr. Agronomy, Univ. of Nebraska.	Agriculture Dept.	1 00	
	6626	Silver Burdette & Co.	Training school.	2 24	
	6627	The Macmillan Co.	Training school.	4 50	
	6628	Row, Peterson & Co.	Training school.	1 80	
	6629	D. Appleton & Co.	Training school.	3 00	
	6630	Reading Hardware Co.	Training school.	1 43	
	6631	C. M. Barnes-Wilcox Co.	Training school.	10 74	
	6632	Sharpe Multiplication Table Co.	Training School.	2 92	
	6633	Lena B. Pollex, Secretary.	Sundries.	35 13	
	6634	J. George Zwergel & Son.	Sundries.	95 15	
	6635	State Treasurer.	Ins. premium.	119 92	
					\$8,951 33
Nov. 29	6637	Pay roll.	Salaries.	\$6,469 16	
Nov. 28	6638	C. T. Grawn.	Contingent.	8 95	
	6639	Bausch & Lomb Optical Co.	Biology Dept.	2 64	
	6640	Mich. State Telephone Co.	Telephone rental.	6 00	
	6641	The Storrs & Harrison Co.	Grounds.	13 38	
	6642	Sears, Roebuck & Co.	Furniture.	113 75	
	6643	J. W. Hance, P. M.	Postage.	40 00	
	6644	H. H. Hunter, City Clerk.	Water.	80 53	
	6645	B. M. Gould.	Printing.	17 31	
	6646	Battle Creek Journal.	Advertising.	7 80	
	6647	Albert V. Renwick.	Music Dept.	10 00	
	6648	C. W. Congdon.	Music Dept.	2 24	
	6649	Ann Arbor Ry. Co.	Fuel.	16 00	
	6650	Mt. Pleasant Lt. & Fuel Co.	Fuel and lights.	9 35	
	6651	Ohio & Michigan Coal Co.	Fuel.	301 39	
	6652	Detroit Trust Co., Rec.	Lights.	55	
	6653	Herbert Putnam.	Library.	10 00	
	6654	American Historical Ass'n.	Library.	3 00	
	6655	A. D. Wickett.	Library.	1 50	
	6656	George Wahr.	Library.	154 63	
	6657	A. Flanagan Co.	Training school.	3 97	
	6658	Rand, McNally & Co.	Training school.	6 24	
	6659	American Book Co.	Training school.	1 80	
	6660	Houghton Mifflin Co.	Training school.	8 55	
	6661	The Macmillan Co.	Training school.	11 88	
	6662	Atkinson, Mentzer & Co.	Training school.	1 92	
	6663	Kenneth Anderson Co.	General supplies.	2 36	
	6664	The T. B. Rayl Co.	General supplies.	25 00	
	6665	Standard Index Card Co.	General supplies.	1 45	
	6666	Corbin Cabinet Lock Co.	General supplies.	1 00	
	6667	Frank C. Teal Co.	General supplies.	17 78	
	6668	Kee Lox Manufacturing Co.	General supplies.	6 00	
	6669	Wolverine Oil Co.	General supplies.	6 70	
	6670	Central Scientific Co.	Sundries.	42 08	
	6671	Normal Drug & Book Co.	Sundries.	202 06	
	6672	Foster Furn. & Hardware Co.	Sundries.	31 40	
	6673	W. Doughty.	Sundries.	55 10	
	6674	Mt. Pleasant Times.	Sundries.	55 75	
	6675	Lena B. Pollex, Secretary.	Sundries.	49 31	
	6676	John Lignian.	Printing.	11 51	
					7,810 04
Dec. 23	6677	Pay roll.	Salaries.	\$6,720 41	
	6678	W. Doughty.	Manual arts.	10 57	
	6679	Johnson & Honeywell.	Manual arts.	11 70	
	6680	J. G. Fisher.	Psychology Dept.	6 50	
	6681	C. H. Stoetling Co.	Psychology Dept.	16 62	
	6682	Hinds, Noble & Eldridge.	Music Dept.	5 40	

STATE BOARD OF EDUCATION

111

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Dec. 23	6683	Carl Fischer	Music Dept.	\$22 37	
	6684	Emil Ascher	Music Dept.	7 38	
	6685	Central Scientific Co.	Agri. department.	34 22	
	6686	Lynch & Horan	Agri. department.	7 50	
	6687	Emma M. Church	Art department.	2 65	
	6688	The Edmondson Co.	Geography Dept.	15 95	
	6689	Cambridge Botanical Sup. Co.	Biology Dept.	35 93	
	6690	Springport Bookbindery	Library	40 60	
	6691	Quarterly Journal of Economics	Library	3 00	
	6692	Library Bureau	Library	79 02	
	6693	George Wahr	Library	87 86	
	6694	The Journal of Am. Hist.	Library	4 00	
	6695	Gaylord Bros.	Library	16 43	
	6696	A. G. Spalding & Bros.	Phys. Edu. Dept.	13 59	
	6697	L. E. Knott Apparatus Co.	Science Dept.	31 50	
	6698	Advance Pump & Comp'r Co.	Repairs.	9 30	
	6699	F. R. Doane.	Alt. and repairs.	7 00	
	6700	The Titusville Iron Co.	Repairs.	18 50	
	6701	Mount Pleasant Times.	Printing.	53 50	
	6702	The Detroit Journal Co.	Advertising.	2 94	
	6703	C. T. Grawn.	Contingent.	19 91	
	6704	E. P. Dutton & Co.	Training school.	3 30	
	6705	Scott, Foresman & Co.	Training school.	14 40	
	6706	Ginn & Company.	Training school.	80	
	6707	Newson & Company.	Training school.	2 16	
	6708	Houghton Mifflin Co.	Training school.	3 15	
	6709	Charles Scribner's Sons.	Training school.	1 30	
	6710	The Macmillan Co.	Training school.	1 56	
	6711	J. George Zwergel & Son.	Sundries.	27 91	
	6712	Bausch & Lomb Optical Co.	Sundries.	71 65	
	6713	Thomas Charles Co.	Sundries.	3 32	
	6714	Lena B. Pollex, Secretary.	Sundries.	43 81	
	6715	Kenneth Anderson Co.	General supplies.	8 98	
	6716	The Hunnewell Soap Co.	General supplies.	12 00	
	6717	Standard Supply Co.	General supplies.	7 00	
	6718	The Dudley Paper Co.	General supplies.	2 50	
	6719	The Ohio Grease Co.	General supplies.	15 54	
	6720	Ihling Bros. Everard Co.	General supplies.	1 41	
	6721	Foster Furn. & Hardware Co.	General supplies.	16 68	
	6722	The Tropical Oil Co.	General supplies.	14 00	
	6723	The Richmond & Backus Co.	Office supplies.	2 12	
	6724	Ohio & Michigan Coal Co.	Fuel.	149 00	
	6725	Detroit Trust Co., Rec.	Lights.	131 72	
	6726	Mt. Pleasant Lt. & Fuel Co.	Fuel and lights.	9 23	
1914. Jan. 31	6728	Pay roll.	Salaries.	\$6,787 46	\$7,827 89
	6729	Thos. R. Dougherty.	Music Dept.	103 35	
	6730	Grand Rapids Herald.	Advertising.	13 95	
	6731	J. W. Hance, P. M.	Postage.	100 00	
	6732	Leubrie & Elkus.	Kindergarten Dept.	3 37	
	6733	Thomas Charles Co.	Kindergarten Dept.	87	
	6734	Williams, Brown & Earle, Inc.	Agriculture Dept.	3 20	
	6735	Barz & Whitehead.	Math. Dept.	12 00	
	6736	Chas. E. Hagan Co.	Sundries.	12 96	
	6737	Union Telephone Co.	Telephone rental.	24 00	
	6738	H. J. Barton, Treasurer.	Library	2 00	
	6739	A. E. Mumford.	Library	1 50	
	6740	George Wahr	Library	242 41	
	6741	Albert V. Renwick.	Phys. Edu. Dept.	5 00	
	6742	C. H. Stoelting Co.	Psychology Dept.	3 25	
	6743	Ohio & Michigan Coal Co.	Fuel.	484 69	
	6744	Mt. Pleasant Lt. & Fuel Co.	Fuel and lights.	14 87	
	6745	Detroit Trust Co., Rec.	Lights.	80 02	
	6746	Frank C. Teal Co.	Lights.	35 37	
	6747	The Bissell Motor Co.	General supplies.	74 00	
	6748	Keystone View Co.	General supplies.	10 40	
	6749	Helen D. Carson.	General supplies.	2 45	
	6750	A. B. Dick Co.	General supplies.	12 14	
	6751	T. H. McAllister Co.	General supplies.	22 40	
	6752	Huber & Westfall.	General supplies.	10 00	
	6753	American Sanitary Prod. Co.	General supplies.	22 00	
	6754	Allyn & Bacon.	General supplies.	4 02	
	6755	B. M. Gould.	Printing.	15 10	
	6756	Wm. C. Brown.	Advertising.	27 00	
	6757	A. J. Freeman.	Diplomas.	6 75	
	6758	East Side Lumber Co.	Manual arts.	27 25	
	6759	L. Coleman.	Laundry.	29 51	

STATE OF MICHIGAN

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914					
Jan. 31	6760	Fort Wayne Electric Works...	Repairs.....	\$24 17	\$8,534 28
	6761	Arthur Seger.....	Repairs.....	4 46	
	6762	M. Welsh.....	Sundries.....	39 35	
	6763	Central Scientific Co.....	Sundries.....	114 22	
	6764	W. Doughty.....	Sundries.....	8 08	
	6765	C. W. Campbell & Son.....	Sundries.....	31 54	
	6766	Foster Furn. & Hardware Co.....	Sundries.....	59 67	
	6767	Lena B. Pollex, Secretary.....	Sundries.....	59 50	
Feb. 28	6769	Pay roll.....	Salaries.....	\$6,115 32	
	6770	The Living Age Co.....	Library.....	6 00	
	6771	The Macmillan Co.....	Library.....	5 00	
	6772	Houghton Mifflin Co.....	Library.....	1 36	
	6773	The Rural Educator Co.....	Library.....	1 00	
	6774	F. B. Pratt, Treas.....	Library.....	2 00	
	6775	Educational News Service.....	Library.....	10 00	
	6776	American Library Ass'n.....	Library.....	2 00	
	6777	George Wahr.....	Library.....	48 97	
	6778	The H. W. Wilson Co.....	Library.....	4 00	
	6779	University of Chicago Press.....	Library.....	14 17	
	6780	The Boston Book Co.....	Library.....	15 25	
	6781	C. T. Grawn.....	Contingent.....	7 95	
	6782	Mt. Pleasant Lt. & Fuel Co.....	Fuel and lights.....	15 11	
	6783	McMillen & Son.....	Fuel.....	112 36	
	6784	Ohio & Michigan Coal Co.....	Fuel.....	460 21	
	6785	Frank C. Teal Co.....	Lights.....	20 82	
	6786	J. W. Hance, P. M.....	Postage.....	60 00	
	6787	Pittsburgh Plate Glass Co.....	Alt. and repairs.....	7 00	
	6788	The Weiss Manufacturing Co.....	Training school.....	22 09	
	6789	C. H. Stoelting Co.....	Psychology Dept.....	104 52	
	6790	J. G. Fisher.....	Geography Dept.....	18 00	
	6791	Thos. R. Dougherty.....	Music Dept.....	103 65	
	6792	C. A. Moody.....	Extra labor.....	11 00	
	6793	Ellanum Adj. Dress Form Co.....	Domestic science.....	10 00	
	6794	Ihling Bros. Everard Co.....	Dean of W. Dept.....	2 45	
	6795	Kennedy Bros.....	General supplies.....	2 50	
	6796	Kenneth Anderson Co.....	General supplies.....	1 91	
	6797	Standard Supply Co.....	General supplies.....	8 50	
	6798	H. H. Hunter, City Clerk.....	Water.....	171 14	
	6799	Eberbach & Son Co.....	Phys., Chem Dept.....	1 79	
	6800	The Kny-Scheerer Co.....	Agriculture Dept.....	28 55	
	6801	H. M. Stephens.....	Biology Dept.....	1 58	
	6802	G. P. Pilling & Son Co.....	Sundries.....	50 00	
	6803	Bausch & Lomb Optical Co.....	Sundries.....	23 69	
	6804	Detroit Trust Co., Rec.....	Sundries.....	110 29	
	6805	Central Scientific Co.....	Sundries.....	30 62	
	6806	W. Doughty.....	Sundries.....	22 28	
	6807	Foster Furn. & Hardware Co.....	Sundries.....	17 37	
	6808	Gaylord Bros.....	Sundries.....	6 75	
	6809	Mount Pleasant Times.....	Sundries.....	101 25	
	6810	Breidenstein & Kane.....	Sundries.....	10 70	
	6811	B. M. Gould.....	Sundries.....	56 76	
	6812	Normal Drug & Book Co.....	Sundries.....	35 48	
	6813	Lena B. Pollex, Secretary.....	Sundries.....	60 65	
	6814	The Electric City Eng. Co.....	Advertising.....	3 58	
	6815	Lucy A. Sloan.....	Advertising.....	1 00	
	6816	C. S. Larzelere.....	Advertising.....	4 16	
	6817	Courier-Herald Co.....	Advertising.....	1 40	
	6818	Central Normal Bulletin.....	Advertising.....	60 00	7,992 18
Mar. 31	6819	Pay roll.....	Salaries.....	\$6,738 47	7,992 18
Mar. 27	6820	Moderator-Topics.....	Advertising.....	60 00	
	6821	C. H. Stoelting Co.....	Psychology Dept.....	23 87	
	6822	Rand, McNally & Co.....	History Dept.....	1 30	
	6823	Geography Supply Bureau.....	Geography Dept.....	80 15	
	6824	Eugene Dietzgen Co.....	Art department.....	1 70	
	6825	Cranz & Fris.....	Latin and German.....	1 66	
	6826	C. A. Moody.....	Extra labor.....	11 00	
	6827	A. J. Freeman.....	Diplomas.....	5 63	
	6828	Mrs. Geo. W. Rowe.....	General supplies.....	12 00	
	6829	Wolverine Oil Co.....	General supplies.....	6 70	
	6830	American Sanitary Prod. Co.....	General supplies.....	44 00	
	6831	The U. S. Graphite Co.....	General supplies.....	22 00	
	6832	Atkinson, Mentzer & Co.....	Kindergarten Dept.....	1 12	
	6833	Thomas Charles Co.....	Kindergarten Dept.....	13 25	
	6834	Crop Improvement Committee.....	Agriculture Dept.....	2 85	
	6835	Century Photo-View Co.....	Agriculture Dept.....	6 79	

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914					
Mar. 27	6836	Alfred J. Brown Seed Co.	Agriculture Dept.	\$18 00	
	6837	Eberbach & Son Co.	Agriculture Dept.	11 47	
	6838	Ohio & Michigan Coal Co.	Fuel.	311 85	
	6839	Mt. Pleasant Lt. & Fuel Co.	Fuel and lights.	17 39	
	6840	Detroit Trust Co., Rec.	Lights.	38 92	
	6841	McMillen & Son.	Fuel.	87 55	
	6842	A. G. Spalding & Bros.	Phys. Edu. Dept.	72	
	6843	The Chas. E. Hagan Co.	Phys. Edu. Dept.	3 80	
	6844	Landis Eng. & Mfg. Co.	Alt. and repairs	217 50	
	6845	E. A. Hight.	Alt. and repairs	8 95	
	6846	J. H. Brinker, Supt. of Doc.	Library	6 05	
	6847	McDevitt-Wilson.	Library	1 75	
	6848	Rev. William Edgar Brown.	Library	1 00	
	6849	George Wahr.	Library	71 63	
	6850	Albert V. Renwick.	Sundries.	8 00	
	6851	Foster Furn. & Hardware Co.	Sundries.	42 13	
	6852	W. Doughty.	Sundries.	9 06	
	6853	Mt. Pleasant Times.	Sundries.	15 70	
	6854	The Gorham Bros. Co.	Sundries.	24 43	
	6855	Lena B. Pollex, Secretary.	Sundries.	31 04	
	6856	C. T. Grawn.	Contingent.	13 18	
	6857	E. W. Crandall.	Contingent.	5 54	
					\$7,978 15
April 30	6858	Pay roll.	Salaries.	\$6,556 77	
	6859	J. G. Fisher.	Agriculture Dept.	23 50	
	6860	Eberbach & Son Co.	Agriculture Dept.	3 85	
	6861	J. A. Kenney & Son.	Agriculture Dept.	2 50	
	6862	The Kentucky Tobacco Product Co.	Agriculture Dept.	2 40	
	6863	Nathan R. Graves.	Agriculture Dept.	1 00	
	6864	L. H. Vanden Berg.	Contingent.	8 82	
	6865	John B. Laing.	Advertising.	4 68	
	6866	The Electric City Eng. Co.	Advertising.	13 60	
	6867	Theo. H. Townsend.	Advertising.	5 50	
	6868	T. H. Fewlass.	Advertising.	9 12	
	6869	Burton S. Tefft.	Advertising.	4 22	
	6870	Lee Hornsby.	Advertising.	6 37	
	6871	Asa H. Aldrich.	Advertising.	2 78	
	6872	C. J. Barnum.	Advertising.	3 02	
	6873	B. H. McComb.	Advertising.	5 36	
	6874	H. E. Potter.	Advertising.	2 52	
	6875	Howard A. Potter.	Advertising.	7 12	
	6876	Irene Louise Getty.	Advertising.	4 93	
	6877	Geo. F. Roxburgh.	Advertising.	6 00	
	6878	Harvey H. Lowrey.	Advertising.	331 00	
	6879	Idling Bros. Everard Co.	Advertising.	5 86	
	6880	E. C. Rowe.	Library.	23 19	
	6881	George Wahr.	Library.	2 00	
	6882	National Education Ass'n.	Library.	6 00	
	6883	The New York Times Index.	Library.	4 00	
	6884	Library Bureau.	Library.	4 00	
	6885	The Tabard Inn Book Co.	Library.	140 82	
	6886	Henry Malkan.	Library.	4 21	
	6887	Gaylord Bros.	Library.	7 50	
	6888	The H. R. Hunting Co.	General supplies.	4 30	
	6889	Barz & Whitehead.	General supplies.	22 63	
	6890	A. G. Spalding & Bros.	General supplies.	9 30	
	6891	The Hunnewell Soap Co.	General supplies.	7 14	
	6892	A. B. Dick Company.	General supplies.	15 66	
	6893	Foster Furn. & Hardware Co.	General supplies.	5 41	
	6894	Kenneth Anderson Co.	General supplies.	14 00	
	6895	American Sanitary Prod. Co.	Manual arts.	27 00	
	6896	Wm. Polson & Co.	Manual Arts.	2 59	
	6897	Thomas Charles Co.	Extra labor.	22 00	
	6898	Chas. Rees.	Extra labor.	12 00	
	6899	C. A. Moody.	Extra labor.	5 00	
	6900	Garfield Dibble.	Extra labor.	10 00	
	6901	A. Swan.	Extra labor.	10 00	
	6902	Charles A. Whitney.	Art department.	1 42	
	6903	Scott, Foresman & Co.	Postage.	80 00	
	6904	Herbert A. Sanford.	Psychology Dept.	40 30	
	6905	S. A. Curtis.	Laundry.	22 15	
	6906	L. Coleman.	Repairs.	2 05	
	6907	L. Maxwell.	Repairs.	3 23	
	6908	Fort Wayne Electric Works.	Piano rental.	18 00	
	6909	Thos. R. Dougherty.			

STATE OF MICHIGAN

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914					
April 30	6910	Central Scientific Co.	Phys., Chem. Dept	\$10 85	
	6911	Ohio & Michigan Coal Co.	Fuel.	499 60	
	6912	McMillen & Son.	Fuel.	118 04	
	6913	Mt. Pleasant Lt. & Fuel Co.	Fuel and lights.	16 43	
	6914	Detroit Trust Co., Rec.	Lights.	25 42	
	6915	Mount Pleasant Times.	Sundries.	30 00	
	6916	B. M. Gould.	Sundries.	211 50	
	6917	J. George Zwergel & Son.	Sundries.	28 63	
	6918	Lena B. Pollex, Secretary.	Sundries.	35 88	
	6919	W. Doughty.	Sundries.	11 36	
	6920	M. Welsh.	Sundries.	47 18	
	6921	Francis W. Sabin.	Latin and German.	5 00	
	6922	T. W. Nadal.	Com. address.	8 50	
					\$8,590 33
May 30	6924	Pay roll.	Salaries.	\$6,768 72	
May 26	6925	C. T. Grawn.	Contingent.	13 24	
	6926	Theodore H. Eaton.	Contingent.	2 78	
	6927	Union Telephone Co.	Telephone rental.	24 00	
	6928	Curtis & Cameron.	Library.	6 00	
	6929	George Wahr.	Library.	82 76	
	6930	Herbert Putnam.	Library.	10 00	
	6931	Gruniaux News & Sub. Co.	Library.	4 00	
	6932	Gaylord Bros.	Library.	3 85	
	6933	Journal of American History.	Library.	3 00	
	6934	Houghton Mifflin Co.	Library.	1 70	
	6935	G. E. Stechert & Co.	Library.	10 28	
	6936	K. P. Brooks.	Advertising.	9 09	
	6937	Herbert A. Sanford, P. M.	Postage.	140 00	
	6938	Central Scientific Co.	Phys., Chem. Dept	58 15	
	6939	Herpolsheimer Co.	Art department.	6 78	
	6940	H. H. Hunter, City Clerk.	Water.	180 15	
	6941	East Side Lumber Co.	Manual arts.	11 83	
	6942	McMillen & Son.	Fuel.	69 89	
	6943	Mt. Pleasant Lt. & Fuel Co.	Fuel and lights.	10 79	
	6944	Ohio & Michigan Coal Co.	Fuel.	495 81	
	6945	Dept. of Instr. Agronomy.	Agriculture Dept.	15 95	
	6946	Wallace Bros.	Agriculture Dept.	1 00	
	6947	D. M. Ferry & Co.	Agriculture Dept.	2 93	
	6948	Atkinson, Mentzer & Co.	Training school.	2 56	
	6949	American Book Co.	Training school.	7 44	
	6950	Charles Scribner's Sons.	Training school.	1 14	
	6951	Rand, McNally & Co.	Training school.	8 88	
	6952	Scott, Foresman & Co.	Training school.	9 10	
	6953	The Macmillan Co.	Training school.	5 28	
	6954	Central Normal Bulletin.	Advertising.	50 00	
	6955	J. I. Holcomb Mfg. Co.	General supplies.	27 00	
	6956	J. G. Fisher.	General supplies.	12 50	
	6957	Allyn & Bacon.	General supplies.	5 00	
	6958	A. B. Dick Company.	General supplies.	1 86	
	6959	C. A. Moody.	Extra labor.	45 88	
	6960	Mount Pleasant Times.	Sundries.	30 00	
	6961	Johnson & Hunnewell.	Sundries.	21 01	
	6962	The Chas. E. Hagan Co.	Sundries.	6 92	
	6963	Foster Furn. & Hardware Co.	Sundries.	12 74	
	6964	Collins Studio & Art Store.	Sundries.	49 43	
	6965	Marsh & Graham.	Sundries.	14 14	
	6966	Normal Drug & Book Co.	Sundries.	38 67	
	6967	W. Doughty.	Sundries.	7 87	
	6968	Detroit Trust Co., Rec.	Sundries.	7 79	
	6969	Spencer Lens Co.	Sundries.	11 29	
	6970	Thomas Charles Co.	Sundries.	16 31	
	6971	Lena B. Pollex, Secretary.	Sundries.	80 28	
	6972	J. George Zwergel & Son.	Sundries.	43 09	
					8,448 88
June 30	6976	Pay roll.	Salaries.	\$6,553 77	
June 27	6977	Theodore H. Eaton.	Contingent.	17 33	
	6978	L. H. Van den Berg.	Contingent.	12 08	
	6979	C. T. Grawn.	Contingent.	10 95	
	6980	W. F. Lewis.	Contingent.	11 92	
	6981	McKinley Publishing Co.	Library.	2 00	
	6982	George Wahr.	Library.	32 22	
	6983	The Chicago Record-Herald.	Library.	3 00	
	6984	Dodd, Mead & Co.	Library.	4 50	
	6985	West Disinfecting Co.	General supplies.	12 50	
	6986	Barz & Whitehead.	General supplies.	1 35	
	6987	Louis Hunger.	General supplies.	17 50	
	6988	Evening News Association.	Fuel.	21 00	

STATE BOARD OF EDUCATION

115

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit D.—Concluded.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914 June 27	6989	Ohio & Michigan Coal Co.	Fuel	\$320 04	
	6990	Mt. Pleasant Lt. & Fuel Co.	Fuel and lights	8 87	
	6991	C. A. Moody	Extra labor	42 00	
	6992	Spencer Lens Co.	Biology Dept.	3 18	
	6993	William H. Lawrence	Geography Dept.	26 25	
	6994	Carl Kegerah	Geography Dept.	19 50	
	6995	Rand, McNally & Co.	Geography Dept.	17 60	
	6996	The Prang Co.	Art Dept.	4 32	
	6997	Narragansett Machine Co.	Phys. Edu. Dept.	8 00	
	6998	A. G. Spalding & Bros.	Phys. Edu. Dept.	7 00	
	6999	Bradner, Smith & Co.	Domestic science	4 13	
	7000	The Greening Nursery Co.	Agriculture Dept.	5 90	
	7001	The D. Hill Nursery Co.	Agriculture Dept.	5 56	
	7002	Century Photo View Co.	Agriculture Dept.	2 55	
	7003	Garden City Educational Co.	Manual arts	7 97	
	7004	Albert V. Renwick	Music department	4 00	
	7005	The Electric City Eng. Co.	Advertising	24 23	
	7006	Student Life	Advertising	15 00	
	7007	The Evening Press Co.	Advertising	25 00	
	7008	B. A. Hight	Alt. and repairs	1 25	
	7009	Martin Menerey	Water	22 97	
	7010	Thomas Charles Co.	Kindergarten Dept	3 00	
	7011	Mount Pleasant Times	Sundries	33 80	
	7012	Lena B. Pollex, Secretary	Sundries	37 83	
	7013	W. Doughty	Sundries	10 89	
	7014	Detroit Trust Co., Rec.	Sundries	17 82	
	7015	Foster Furn. & Hardware Co.	Sundries	32 97	
	7016	A. J. Nystrom & Co.	Sundries	28 94	
Total expenditure from present year funds					\$7,435 69
Total disbursements:					
From former year					\$135 88
From present year					97,417 41
Balance on hand to current year fund					624 64
Balancing receipts for the year					\$98,177 93

CENTRAL MICHIGAN NORMAL SCHOOL.

EXHIBIT E.

Salary account, Cr., for fiscal year ending June 30, 1913.

Date.	No. of voucher.	Payroll.	Amount.	Total.
1912.				
July 31	6035	July	\$7,100 01	
Aug. 31	6071	August	6,454 34	
Sept. 30	6097	September	5,650 23	
Oct. 31	6133	October	6,179 05	
Nov. 30	6173	November	6,200 65	
Dec. 31	6204	December	6,369 75	
1913.				
Jan. 31	6243	January	6,398 05	
Feb. 28	6278	February	5,773 30	
Mar. 31	6333	March	6,379 65	
April 30	6372	April	6,066 50	
May 31	6405	May	6,265 80	
June 30	6439	June	6,066 50	
Total for the year				\$74,903 83

STATE OF MICHIGAN

CENTRAL MICHIGAN NORMAL SCHOOL.

*Exhibit E.—Concluded.**Salary account, Cr., for fiscal year ending June 30, 1914.*

Date.	No. of voucher.	Payroll.	Amount.	Total.
1913.				
July 28	6484	July	\$7,618 95	
Aug. 30	6517	August	7,038 45	
Sept. 30	6561	September	5,999 60	
Oct. 31	6585	October	6,867 12	
Nov. 29	6637	November	6,469 16	
Dec. 23	6677	December	6,720 41	
1914.				
Jan. 31	6728	January	6,787 46	
Feb. 28	6769	February	6,115 32	
Mar. 31	6819	March	6,738 47	
April 30	6858	April	6,556 77	
May 30	6924	May	6,768 72	
June 30	6976	June	6,553 77	
		Total for the year		\$80,234 20

CENTRAL MICHIGAN NORMAL SCHOOL.

EXHIBIT F.

ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
1912.				
July 1		Building walks and painting buildings:		
		Balance on hand	\$613 15	
July 1		Completing and equipping physical training building:		
		Balance on hand	2,223 48	
1913.		Installing fire engines:		
Oct. 16	502	State Treasurer	1,000 00	
1914.		Enlarging heating plant:		
April 28	519	State Treasurer	2,000 00	
1914.		Agricultural and general science building:		
May 30	533	State Treasurer	5,000 00	
June 3	534	State Treasurer	20,000 00	
June 25	535	State Treasurer	25,000 00	
		Total receipts for two years		\$55,836 63

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit F.—Continued.

SUMMARY.

	Amount.	Total.
Disbursements:		
Completing and equipping physical training building	\$2,221 16	
Building walks and painting buildings	613 15	
Installing fire escapes	555 00	
Enlargement of heating plant	401 88	
Agriculture and general science building	22,995 23	
		\$26,786 42
Balances:		
Completing and equipping physical training building	\$2 32	
Installing fire escapes	445 00	
Enlargement of heating plant	1,598 12	
Agriculture and general science building	27,004 77	
		29,050 21
Balancing receipts		\$55,836 63

STATE BOARD OF EDUCATION

117

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit F.—Continued.

Date.	No. of voucher.	Payee.	Amount.	Total.
1912.		Completing and equipping physical training building:		
July 30	6070	John Pobanz	\$1 75	\$1 75
Aug. 31	6096	American Seating Co.	\$59 50	
Sept. 27	6125	Roman Cut Stone and Brush Co.	\$14 25	59 50
	6126	Kewaunee Mfg. Co.	47 00	
	6127	George Gartner	1,094 00	1,155 25
Oct. 31.	6165	Arthur Seger	\$0 40	
	6166	Kenneth Anderson Co.	4 57	
	6167	Lloyd Brothers Co.	165 09	
	6168	Spalsburg Brothers	55 00	
	6169	A. S. Warthin	27 50	
	6170	Harry Root	2 08	
	6171	Central Scientific Co.	4 00	
	6172	Taylor Inst. Co.	14 07	272 71
Nov. 29	6201	Wm. Colson & Son	\$5 50	
	6202	Marsh & Graham	87 42	
	6203	E. W. Arnold	37 00	129 92
Dec. 27	6240	J. George Zwergel & Son	\$15 30	
	6241	Williams, Brown & Earl Co.	14 75	30 93
	6242	The Kny-Scheerer Co.	88	
1913.				
Feb. 28	6328	Arthur Seger	\$11 38	216 21
	6329	Roy S. Dean	9 35	
	6330	Chas. E. Hagan Co.	10 15	
	6331	Narragansett Machine Co.	129 60	
	6332	Bausch & Lomb Optical Co.	55 73	
Mar. 29	6366	Waterman Bros.	\$4 81	111 39
	6367	Johnson & Johnson	1 43	
	6368	Bausch & Lomb Optical Co.	1 20	
	6369	Shaw Walker Co.	27 95	
	6370	B. A. Hight	1 00	
	6371	W. Scott Thurber	75 00	
April 26	6401	Detroit Trust Co., Receiver	\$9 14	84 21
	6402	Arthur Seger	26 07	
	6403	C. O. Shelne	25 00	
	6404	W. Scott Thurber	24 00	
May 31	6438	Sanitarium Equipment Company	\$99 50	99 50
June 27	6473	Arthur Seger	\$30 41	
	6474	Dalton Manufacturing Co.	10 00	41 09
	6475	Central Scientific Co.	68	
Sept. 26	6584	Bausch & Lomb Optical Co.	\$2 45	2 45
Dec. 23	6727	Roy S. Dean	\$15 00	15 00
1914.				
Jan. 31	6768	Roy S. Dean	\$1 25	1 25
				\$2,221 16
1912.		Building walks and painting buildings:		
Aug. 31	6094	Henry Welch	\$64 13	\$127 26
	6095	Lena B. Pollex, Secretary	63 13	
Sept. 27	6128	Elton J. Van Leuven	\$93 58	
	6129	Kennedy Bros.	3 00	484 61
	6130	J. A. Hendricks Libr. Co.	172 72	
	6131	The Gorham Bros. Co.	32 31	
	6132	Lena B. Pollex, Secretary	183 00	
Oct. 31	6164	C. A. Moody	\$1 28	1 28
				\$613 15

STATE OF MICHIGAN

CENTRAL MICHIGAN NORMAL SCHOOL.

Exhibit F.—Concluded.

Date.	No. of voucher.	Payee.	Amount.	Total.
1913. Oct. 31	6636	Installing fire escapes: J. T. Hidey.....	\$555 00	\$555 00
1914. April 28	6923	Enlargement of heating plant: Advance Pump & Compressor Co.....	\$137 50	\$137 50
May 26	6973	Detroit Trust Company, Receiver.....	\$47 38	47 38
June	7021	Advance Pump & Compressor Co.....	\$217 00	217 00
				\$401 88
1914. May 26	6974 6975	Agricultural and general science building: Chas. Hoertz & Son..... M. T. Vanden Bosch & Co.....	\$9,523 62 426 13	\$9,949 75
June 17	7017	C. Hoertz & Son.....	\$13,006 53	
June 27	7018	Evening News Association.....	7 87	
	7019	Detroit Journal Co.....	17 64	
	7020	Grand Rapids Herald.....	13 44	13,045 48
				\$22,995 23
		Total disbursements.....		\$26,786 42

STATE BOARD OF EDUCATION

119

NORTHERN STATE NORMAL SCHOOL.

EXHIBIT A.

T. W. Nadal, Treasurer, Dr., for fiscal year ending June 30, 1913.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
1912.				
June 30		Balance from former year.....	\$91 18	
July 7	349	Diploma fees.....	183 00	
July 18	350	Laboratory fees.....	32 00	
	351	Diploma fees.....	31 00	
	352	Tuition fees.....	24 00	\$361 18
		Legislative appropriations:		
July 13	353	State Treasurer.....	\$4,583 33	
Aug. 4	357	State Treasurer.....	4,583 33	
Sept. 18	358	State Treasurer.....	4,583 33	
Oct. 30	360	State Treasurer.....	4,583 33	
Nov. 13	364	State Treasurer.....	4,583 33	
Dec. 23	367	State Treasurer.....	4,538 33	
1913.				
Jan. 16	370	State Treasurer.....	4,583 33	
Feb. 19	372	State Treasurer.....	4,583 33	
Mar. 31	376	State Treasurer.....	4,583 33	
April 4	378	State Treasurer.....	4,583 33	
May 25	381	State Treasurer.....	4,583 33	
June 18	385	State Treasurer.....	4,583 37	55,000 00
1912.		Other sources:		
July 15	354	First National Bank, Marquette, Mich.....	\$5 86	
Aug. 4	356	First National Bank, Marquette, Mich.....	5 75	
Sept. 16	359	First National Bank, Marquette, Mich.....	3 06	
Oct. 15	361	First National Bank, Marquette, Mich.....	4 57	
Oct. 1	362	Diploma fees.....	147 00	
Oct. 10	363	Tuition fees.....	1,154 00	
Nov. 15	365	Laboratory fees.....	37 50	
	366	First National Bank, Marquette, Mich.....	3 59	
Dec. 9	368	First National Bank, Marquette, Mich.....	7 36	
Dec. 15	369	Tuition fees.....	1,450 00	
1913.				
Jan. 11	371	First National Bank, Marquette, Mich.....	3 92	
Feb. 15	373	First National Bank, Marquette, Mich.....	8 06	
Feb. 27	374	Diploma and tuition fees.....	34 00	
	375	Laboratory fees.....	114 00	
Mar. 15	377	First National Bank, Marquette, Mich.....	7 80	
April 15	379	First National Bank, Marquette, Mich.....	5 40	
	380	Tuition fees.....	1,440 00	
May 15	382	Tuition fees.....	1,355 00	
	383	Laboratory fees.....	132 00	
	384	First National Bank, Marquette, Mich.....	7 23	
June 15	386	First National Bank, Marquette, Mich.....	7 46	
June 16	387	Central Scientific Co.....	60 00	5,993 56
		Total receipts from all sources.....		\$61,354 74

STATE OF MICHIGAN

NORTHERN STATE NORMAL SCHOOL.

EXHIBIT B.

T. W. Nadal, Treasurer, Cr., for fiscal year ending June 30, 1913.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
FORMER YEAR.					
1912.					
July 30	3436	Mining Journal Co., Ltd.	Printing	\$8 25	
	3437	Marquette Gas Light Co.	Fuel, lights	7 28	
	3438	Jas. Pickands & Co., Ltd.	Fuel, lights	201 38	
	3439	W. D. Henderson	Contingent	80 31	
	3440	Marquette Co. Tel. Co.	Contingent	3 75	
	3441	Frank La Bonte	Biological Lab.	15 05	
			Domestic science		
Aug. 31	3454	Lake Superior Ice Co.	Dom. Sci. Lab.	\$1 35	\$316 02
	3455	Psychological Review Co.	Library	85	
	3456	H. R. Pattengill	Library	39 00	
	3457	American Express Company	Freight, express	3 15	
Nov. 29	3516	Estate of D. Murray	Dom. Sci. Lab.	\$0 81	44 35
					81
		Total expenditure former year, balance			\$361 18
PRESENT YEAR.					
1912.					
July 31	3442	Pay roll	Salaries	\$4,817 95	
July 30	3443	Central Scientific Co.	Physical Lab.	61 68	
	3444	Bigelow & Co.	General supplies	3 60	
	3445	Kee Lox Mfg. Co.	General supplies	7 50	
	3446	I. W. Howerth	Contingent	155 62	
	3447	Grace A. Spalding	Contingent	22 05	
	3448	Fay & Bricker	Grounds	12 50	
	3449	Doris King	Extra labor	4 50	
	3450	Light & Power Co.	Fuel and lights	25 00	
	3451	A. D. Baughman, P. M.	Postage	9 54	
	3452	Detroit Rubber Stamp Co.	Supplies	40	
	3453	The Recorder Press Co.	Printing	1 75	
		To correct error in voucher No. 3376			5,122 09
					10 00
Aug. 31	3458	Pay roll	Salaries	\$4,463 40	\$5,112 09
	3459	Light & Power Co.	Fuel and lights	25 00	
	3460	Marquette Gas Light Co.	Fuel and lights	3 90	
	3461	James Pickands & Co.	Fuel and lights	254 33	
	3462	Frank LaBonte	Domestic science	12 85	
			Biological Lab.		
			General supplies	20 37	
			Training school		
	3463	Hager Bros. Co., Ltd.	Domestic science	17 49	
			General supplies		
	3464	Central Scientific Co.	Biological Lab.	16 91	
			General supplies		
	3465	M. R. Manhard & Son	General supplies	29 21	
			General supplies		
	3466	Baker Paper Co.	General supplies	55 75	
			Library		
	3467	Remington Typewriter Co.	General supplies	6 25	
			Training school		
	3468	American Sanitary Prod. Co.	Training school	21 46	
			Library		
	3469	Silver Burdett & Co.	Alt. and repairs	12 45	
			General supplies		
	3470	G. B. Liberty	Art department	48 80	
	3471	Lakeside Iron Works			
	3472	W. M. Welch Mfg. Co.			
Sept. 30	3473	Pay roll	Salaries	\$3,977 30	4,995 47
	3474	Houghton Mifflin Co.	Training school	9 44	
	3475	Blakeslee Manufacturing Co.	General supplies	8 48	
	3476	Parker Boiler Company	General supplies	2 86	
	3477	F. B. Spear & Sons	Biological Lab.	1 24	
	3478	Lake Superior Ice Co.	Dom. Sci. Lab.	1 15	
	3479	Marquette Gas Light Co.	Fuel and lights	2 66	
	3480	Stenglein Bindery	General supplies	5 50	
			Training school	1 20	
			General supplies		
	3481	Swanson Hardware Co.	Fuel and lights	25 00	
	3482	Light & Power Commission	Fuel and lights	3 00	
	3483	F. W. Sambrook & Son	Fuel and lights	3 00	
	3484	Frank C. Teal Co.	General supplies	118 80	
					4,156 63

STATE BOARD OF EDUCATION

121

NORTHERN STATE NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912 Oct. 31	3485	Pay roll.....	Salaries.....	\$4,056 05	
	3486	Doris I. Bowron, Secretary..	General supplies..		
			Postage.....	50 00	
			Biological Lab.....		
			Contingent.....		
	3487	The Hunnewell Soap Co.....	General supplies..	15 50	
	3488	West Disinfecting Co.....	General supplies..	12 50	
	3489	Central Scientific Co.....	General supplies..	50 40	
	3490	Hager Bros. Co., Ltd.....	General supplies..	4 00	
	3491	M. R. Manhard & Son, Ltd..	General supplies..	85 35	
	3492	MacKenzie & Blom.....	Repairs.....	17 50	
	3493	A. S. Westlake.....	General supplies..	43 91	
	3494	Row, Peterson & Co.....	Training school....	2 05	
	3495	W. M. Welch Mfg. Co.....	Training school....	6 90	
			Art department..		
			General supplies..		
	3496	Pendill's Pharmacy.....	Library.....	4 05	
			Dom. Sci. Lab.....		
	3497	Werner Bros.....	Dom. Sci. Lab.....	14 18	
	3498	Estate of David Murray.....	Dom. Sci. Lab.....	13 96	
	3499	A. La Vallee.....	Dom. Sci. Lab.....	2 55	
	3500	Grace Allen Spalding.....	Extra labor.....	10 15	
	3501	Library Bureau.....	Library.....	7 50	
	3502	A. L. A. Publishing Co.....	Library.....	1 20	
	3503	The Republican News.....	Printing.....	1 00	
	3504	Michigan State Telephone Co.	Contingent.....	14 80	
	3505	Marquette Co. Telephone Co.	Contingent.....	3 75	
	3506	James H. Kaye.....	Contingent.....	13 49	
	3507	James H. Kaye.....	Contingent.....	19 05	
	3508	James Pickands & Co.....	Fuel and lights....	8 00	
	3509	Light & Power Commission..	Fuel and lights....	25 00	
	3510	Marquette Gas Light Co.....	Fuel and lights....	1 17	
			Psych. Lab.....		
	3511	Neostyle Co.....	General supplies..	7 02	
			Biological Lab.....		
			Grounds.....		
	3512	E. R. Tauch.....	Training school....	8 65	
	3513	Marquette Steam Laundry...	Contingent.....	11 25	
Nov. 30	3517	Pay roll.....	Salaries.....	\$3,933 90	\$4,510 92
Nov. 29	3518	A. H. Westlake.....	Dom. Sci. Lab.....		
			General supplies..	9 03	
	3519	Handicraft Guild.....	Training school....		
	3520	American Express Co.....	Gen. supplies, art..	15 03	
	3521	Western Express Co.....	Freight and Exp....	10 03	
	3522	Scott, Foresman Co.....	Freight and Exp....	3 30	
	3523	Ginn & Co.....	Training school....	7 47	
	3524	Rand, McNally & Co.....	Training school....	22 08	
	3525	Longmans, Green & Co.....	Training school....	12 52	
	3526	The Macmillan Co.....	Training school....	14 40	
			Training school....	38 84	
	3527	The Stenglein Bindery.....	General supplies..	4 10	
	3528	Lake Superior Ice Co.....	Training school....		
			Dom. Sci. Lab.....	1 15	
			Biological Lab.....		
	3529	The Stafford Drug Co.....	Dom. Sci. Lab.....	5 80	
			General supplies..		
			Training school....		
	3530	Estate of D. Murray.....	Physical Lab.....	12 86	
	3531	A. S. Westlake.....	Dom. Sci. Lab.....		
	3532	Peter White & Co.....	Dom. Sci. Lab.....	5 60	
	3533	Marquette Steam Laundry...	Contingent.....	100 00	
	3534	A. C. McClurg & Co.....	Contingent.....	3 48	
	3535	Gaylord Bros.....	Library.....	10 60	
	3536	The H. W. Wilson Company..	Library.....	3 22	
	3537	The Detroit Free Press.....	Library.....	25 26	
			Library.....	7 50	
	3538	A. Flanagan.....	Training school....	17 21	
			Psych. Lab.....		
	3539	The Weiss Mfg. Co.....	Psych. Lab.....	54 91	
	3540	Eugene Dietzgen Co.....	Psych. Lab.....	23 93	
	3541	Marquette Gas Light Co.....	Fuel and lights....	2 56	
	3542	Board of Fire & Water Com.	Water.....	71 90	
	3543	Board of Fire & Water Com.	Water.....	39 20	
	3544	The Marquette Chronicle.....	Ptg. and Adv.....	5 76	
	3545	Mining Journal Co., Ltd.....	Ptg. and Adv.....	245 75	
					4,707 39

STATE OF MICHIGAN

NORTHERN STATE NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912					
Dec. 31	3546	Pay roll.	Salaries.	\$4,062 05	
Dec. 27	3547	Doris I. Bowron, Secretary.	Sundries.	50 00	
	3548	D. C. Heath & Co.	Training school.	3 65	
	3549	Silver Burdett & Co.	Training school.	3 15	
	3550	Ginn & Co.	Training school.	14 08	
	3551	Longmans, Green & Co.	Training school.	51 00	
			Library.		
	3552	D. Appleton & Co.	Training school.	11 95	
	3553	The Laurel Book Co.	Training school.	12 03	
	3554	Scott, Foresman & Co.	Training school.	22 72	
	3555	Theo. Presser Co.	Training school.	1 36	
	3556	Arthur P. Schmidt.	Training school.	1 44	
	3557	F. W. Arbury.	Training school.	1 60	
	3558	Charles E. Merrill Co.	Training school.	12 50	
	3559	Woelz Bros.	General supplies.	6 95	
	3560	Milwaukee Consol. Music Co.	General supplies.	83	
	3561	Clayton F. Summy Co.	Training school.	6 94	
			General supplies.		
	3562	Thomas Charles Co.	Training school.	7 53	
	3563	National Office Supply Co.	Art.	2 80	
	3564	W. M. Welch Mfg. Co.	General supplies.	1 55	
	3565	Remington Typewriter Co.	Art.	3 00	
	3566	Atkinson, Mentzer & Co.	General supplies.	9 18	
	3567	Marquette Gas Light Co.	Fuel and lights.	18 18	
			Repairs.		
	3568	The Macmillan Company.	Library.	6 30	
	3569	Comstock Pub. Co.	Library.	15 00	
	3570	Wagenvoord & Co.	Library.	68 05	
	3571	Library Bureau.	Library.	9 78	
	3572	A. C. McClurg & Co.	Library.	173 99	
	3573	Houghton Mifflin Co.	Library.	1 75	
	3574	The Mining Gazette Co.	Printing.	9 00	
	3575	Marquette Publishing Co.	Printing.	279 29	
	3576	American Express Co.	Freight and Exp.	8 41	
			Repairs.		
	3577	Light & Power Commission.	Fuel and lights.	44 15	
			Dom. Sci. Lab.		
	3578	Estate of David Murray.	Dom. Sci. Lab.	7 35	
	3579	James H. Kaye.	Contingent.	10 30	
	3580	Mich. State Telephone Co.	Contingent.	6 48	
	3581	Grace A. Spalding.	Contingent.	2 10	
	3582	James H. Kaye.	Contingent.	27 03	
	3583	G. R. Watts.	Contingent.	14 40	
	3584	Marquette Steam Laundry.	Contingent.	5 49	
	3585	National Education Ass'n.	Library.	2 00	
	3586	National Education Ass'n.	Library.	2 00	
	3587	R. S. Polk & Co.	Library.	5 00	
					\$5,002 37
1913.					
Jan. 31	3588	Pay roll.	Salaries.	\$4,176 65	
Jan. 25	3589	James H. Kaye.	Contingent.	23 72	
	3590	Mich. State Telephone Co.	Contingent.	9 00	
	3591	Consol. Fuel & Lumber Co.	Alt. and repairs.	120 55	
	3592	Lipsett & Sinclair.	Alt. and repairs.	201 65	
			Fuel and lights.		
	3593	F. B. Spear & Sons.	Alt. and repairs.	579 10	
			Biological Lab.		
	3594	Marquette Gas Light Co.	Fuel and lights.	3 77	
	3595	Light & Power Commission.	Fuel and lights.	25 00	
	3596	A. C. McClurg & Co.	Library.	202 75	
	3597	A. C. McClurg & Co.	Library.	1 90	
	3598	Fassbender & Pierce.	Dom. Sci. Lab.	11 88	
	3599	A. La Vallee.	Dom. Sci. Lab.	7 20	
	3600	Estate of David Murray.	Dom. Sci. Lab.	33 61	
	3601	G. D. Hodgkins.	Grounds.	28 50	
	3602	Student Girls' League.	Ptg. and Adv.	15 00	
	3603	Flanigan Bros.	Freight and Exp.	46 17	
	3604	Stafford Drug Co.	General supplies.	4 88	
			General supplies.		
	3605	M. R. Manhard & Son.	Dom. Sci. Lab.	46 07	
	3606	J. E. Tretheway.	General supplies.	9 30	
	3607	Neostyle Company.	General supplies.	99	
	3608	Ginn & Company.	Training school.	26 96	

STATE BOARD OF EDUCATION

123

NORTHERN STATE NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913					
Jan. 31	3609	The Palmer Company.....	Training school.....	\$2 10	
	3610	Frank D. Beattys & Co.....	Training school.....	1 24	
	3611	Thomas Charles Co.....	Training school.....	19 19	
		To correct error in voucher No. 3435.....			\$5,597 18
					10
					\$5,597 28
Feb. 28	3612	Pay roll.....	Salaries.....	\$3,779 70	
	3613	Doris I. Bowron, Secretary.....	Sundries.....	50 00	
	3614	Imperial Brush Co.....	General supplies.....	16 00	
	3615	Frances Farrar.....	General supplies.....	4 80	
	3616	A. Flanagan Company.....	General supplies.....	10 92	
	3617	Marshall Paper Company.....	General supplies.....	23 75	
	3618	Devoe & Reynolds.....	Gen. supplies, art.....	1 10	
	3619	Wolverine Drawing Board Co.....	Gen. supplies, art.....	2 85	
	3620	A. N. Abbott & Co.....	Gen. supplies, art.....	2 48	
	3621	W. M. Welch Mfg. Co.....	Training school.....	7 22	
	3622	Remington Typewriter Co.....	Gen. supplies, art.....	1 50	
	3623	National Office Supply Co.....	General supplies.....	2 88	
	3624	The Stafford Drug Co.....	General supplies.....	8 75	
	3625	A. H. Westlake.....	General supplies.....	6 30	
	3626	Underwood Typewriter Co.....	General supplies.....	83 03	
	3627	Lake Shore Engine Works.....	Alt. and repairs.....	8 25	
	3628	Light & Power Commission.....	Alt. and repairs.....	47 40	
	3629	Crowell & Murray.....	Fuel and lights.....	6 80	
	3630	American Express Co.....	Contingent.....	8 93	
	3631	Mich. State Telephone Co.....	Contingent.....	4 93	
	3632	Marquette Co. Telephone Co.....	Contingent.....	3 75	
	3633	Marquette Steam Laundry.....	Contingent.....	11 67	
	3634	J. A. Malhiot.....	Dom. Sci. Lab.....	15 32	
	3635	A. La Vallee.....	General supplies.....	3 70	
	3636	Estate of David Murray.....	Training school.....	37 06	
	3637	Board of Fire & Water Com.....	Dom. Sci. Lab.....	81 70	
	3638	Mining Journal Co., Ltd.....	Water.....	122 50	
	3639	Marquette Gas Light Co.....	Printing.....	3 77	
	3640	Fay & Bricker.....	Fuel and lights.....	13 75	
	3641	A. A. Sphung.....	Grounds.....	2 25	
	3642	University Society, Inc.....	Biological Lab.....	22 50	
	3643	A. C. McClurg & Co.....	Library.....	198 81	
	3644	Central Scientific Co.....	Phys., Chem. Lab.....	177 23	
	3645	Marshall Field & Co.....	Training school.....	2 88	
	3646	Atkinson, Mentzer & Grover.....	Training school.....	3 08	
	3647	American Book Co.....	Training school.....	84	
	3648	Scott, Foresman & Co.....	Training school.....	6 41	
	3649	Silver Burdett & Co.....	Training school.....	3 34	
	3650	A. D. Baughman, P. M.....	Postage.....	10 62	
Mar. 31	3651	Pay roll.....	Salaries.....	\$4,176 65	
Mar. 29	3652	Marquette Steam Laundry.....	Contingent.....	5 28	
	3653	Marquette Co. Telephone Co.....	Contingent.....	2 50	
	3654	James H. Kaye.....	Contingent.....	39 66	
	3655	E. J. Sink.....	Alt. and repairs.....	124 83	
	3656	Consol. Fuel & Lumber Co.....	Alt. and repairs.....	33 86	
	3657	M. R. Manhard & Son, Ltd.....	Phys., Chem. Lab.....	34 69	
	3658	F. B. Spear & Sons.....	Dom. Sci. Lab.....	563 06	
	3659	Light & Power Commission.....	Alt. and repairs.....	25 00	
	3660	Marquette Gas Light Co.....	Fuel and lights.....	5 66	
	3661	Mining Gazette Co.....	Fuel and lights.....	6 00	
	3662	World Book Co.....	Library.....	1 96	
	3663	A. C. McClurg & Co.....	Library.....	33 95	
	3664	George Wahr.....	Library.....	96 74	
	3665	Playground & Recreation Ass'n of America.....	Library.....	2 00	
	3666	Creamery Package Mfg. Co.....	Biological Lab.....	8 10	
	3667	A. La Vallee.....	Dom. Sci. Lab.....	2 60	
	3668	M. Nemeroff & Co.....	Dom. Sci. Lab.....	14 00	
	3669	Louis Guelf.....	Dom. Sci. Lab.....	2 75	
	3670	Hager Bros. Co.....	Dom. Sci. Lab.....	25 40	
			General supplies.....		
					4,798 77

NORTHERN STATE NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Mar. 29	3671	A. H. Westlake	Domestic science.	\$16 63	
			General supplies.		
	3672	Estate of David Murray	Training school.	24 64	2 40
	3673	The Marquette Chronicle.	Dom. Sci. Lab.	Ptg. and Adv.	
	3674	Student Girls' League.	Ptg. and Adv.	5 65	2 19
	3675	American Express Co.	Gen. supplies, art.	Freight and Exp.	
	3676	Flanigan Bros.	Music department.	9 52	1 26
	3677	The John Church Co.	Art.	9 70	
	3678	Bunkio Matsuki.	General supplies.	21 04	7 30
	3679	Peter P. Caproni.	Music.	3 70	
	3680	Woelz Bros.	General supplies.	1 75	2 25
	3681	Silver Burdett & Co.	Art.	10 25	
	3682	Bigelow & Co.	Music.	3 42	12 00
	3683	Racket Store.	General supplies.	7 92	
	3684	Ginn & Company	Training school.	10 00	7 92
	3685	Lyon and Healy.	Training school.	2 82	
	3686	Preston & Preston.	Training school.		
	3687	Atkinson, Mentzer & Co.	Training school.		
	3688	W. M. Welch Mfg. Co.	Training school.		
	3689	C. M. Barnes-Wilcox Co.	Training school.		
April 30	3690	Pay roll.	Salaries.	\$4,057 10	\$5,359 03
April 28	3691	Grace A. Spalding.	Contingent.	5 60	
	3692	Wagenvoord & Co.	Library.	31 50	1 25
	3693	A. C. McClurg & Co.	Library.	3 20	
	3694	W. B. Saunders Co.	Library.	37 62	9 08
	3695	A. C. McClurg & Co.	Library.	15 12	
	3696	Gaylord Bros.	Contingent.	4 63	6 80
	3697	Mich. State Telephone Co.	Contingent.	15 16	
	3698	Marquette Steam Laundry.	Alt. and repairs.	2 00	9 20
	3699	Crowell & Murray.	Alt. and repairs.	31 96	
	3700	Johnson Service Co.	Fuel and lights.	6 20	233 62
	3701	Lake Shore Engine Works.	Alt. and repairs.	25 00	
	3702	Mons Mowick.	Fuel and lights.	13 98	2 25
	3703	Charles Ahlsten.	Dom. Sci. Lab.	59 90	
	3704	Marquette Gas Light Co.	General supplies.	15 69	3 25
	3705	F. B. Spear & Sons.	Dom. Sci. Lab.	1 75	
	3706	Light & Power Commission.	Dom. Sci. Lab.	7 17	10 20
	3707	A. H. Westlake.	Biological Lab.	2 10	
	3708	N. Nemeroff & Co.	Physical Lab.	7 15	3 15
	3709	Hager Bros. Co., Ltd.	General supplies.	64 80	
	3710	Estate of David Murray.	Training school.	82 50	65 00
	3711	Lake Superior Ice Co.	Ptg. and Adv.	3 95	
	3712	A. La Vallee.	Freight and Exp.	3 06	6 05
	3713	Fassbender & Pierce.	General supplies.	29 59	
	3714	James H. Howell.	Training school.	4 00	8 72
	3715	McIntosh Stereopticon Co.	Gen. Sup., music.	5 76	
	3716	Central Scientific Co.	Training school.	1 40	18
	3717	Stafford Drug Co.	Library.		
	3718	Orr & Lockett.	Apparatus.		64 80
	3719	Charles Briggs.	Grounds.		
	3720	Mining Journal Co.	Ptg. and Adv.		3 95
	3721	Western Express Co.	Freight and Exp.		
	3722	American Express Co.	General supplies.		29 59
	3723	A. H. Abbott & Co.	Training school.		
	3724	W. M. Welch Mfg. Co.	Training school.		4 00
	3725	Stenglein Bindery.	General supplies.		
	3726	Ginn & Co.	Gen. Sup., music.		8 72
	3727	Row, Peterson & Co.	Training school.		
	3728	Desjardins' Pharmacy.	Training school.		1 40
	3729	A. C. McClurg & Co.	Library.		
May 31	3730	Pay roll.	Salaries.	\$4,213 90	4,891 29
	3731	Doris I. Bowron, Secretary.	Postage.	50 00	
	3732	Marquette Steam Laundry.	Contingent.	4 44	25 77
	3733	James H. Kaye.	Contingent.	11 41	
	3734	James H. Kaye.	Contingent.	3 90	6 80
	3735	Mich. State Telephone Co.	Contingent.		
	3736	Crowell & Murray.	Contingent.		

STATE BOARD OF EDUCATION

125

NORTHERN STATE NORMAL SCHOOL.

Exhibit B.—Concluded.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913					
May 31	3737	American Seating Co.	Alt. and repairs. . .	\$7 65	
	3738	Light & Power Commission. . .	Fuel and lights. . .	50 70	
	3739	Marquette Gas Light Co.	Fuel and lights. . .	4 44	
	3740	F. B. Spear & Sons.	Fuel and lights. . .	151 53	
	3741	A. C. McClurg & Co.	Library. . .	31 77	
	3742	A. C. McClurg & Co.	Library. . .	7 35	
	3743	Teachers College.	Library. . .	5 40	
	3744	Herbert Putnam.	Library. . .	11 00	
	3745	American Library Ass'n.	Library. . .	1 00	
	3746	Ginn & Co.	Library. . .	2 82	
	3747	Mich. Agricultural College.	Library. . .	1 80	
	3748	Associated Press.	Library. . .	1 50	
	3749	George Wahr.	Library. . .	98 26	
	3750	The Recorder-Press Co.	Printing. . .	1 50	
					\$4,692 94
June 30	3751	Pay roll.	Salaries. . .	\$4,094 55	
June 27	3752	Marquette Steam Laundry.	Contingent. . .	4 78	
	3753	Mich. State Telephone Co.	Contingent. . .	2 15	
	3754	Lew E. Niles.	Contingent. . .	3 00	
	3755	G. R. Watts.	Contingent. . .	14 40	
	3756	Lipsett & Sinclair.	Alt. and repairs. . .	158 57	
	3757	Light & Power Commission. . .	Fuel and lights. . .	25 00	
	3758	F. B. Spear & Sons.	Fuel and lights. . .	265 84	
	3759	Marquette Gas Light Co.	Fuel and lights. . .	4 18	
	3760	George Wahr.	Library. . .	23 26	
	3761	Longmans, Green & Co.	Library. . .	2 08	
	3762	Houghton, Mifflin Co.	Library. . .	1 74	
	3763	McGraw-Hill Book Co.	Library. . .	85	
	3764	A. C. McClurg & Co.	Library. . .	63 27	
	3765	The National Short Ballot Organization.	Library. . .	5 35	
	3766	The B. F. Cummins Co.	Library. . .	27 50	
	3767	The Grolier Society.	Library. . .	37 62	
	3768	Psychological Review Co.	Library. . .	85	
	3769	D. Appleton & Co.	Library. . .	1 27	
	3770	Hanson-Bellows Co.	Library. . .	20 00	
	3771	The Century Company.	Library. . .	58 50	
	3772	Louis Guelf.	Dom. Sci. Lab. . .	3 50	
	3773	Fassbender & Pierce.	Dom. Sci. Lab. . .	2 66	
	3774	A. La Vallee.	Dom. Sci. Lab. . .	2 10	
	2775	Lake Superior Ice Co.	Dom. Sci. Lab. . .	1 25	
	3776	Estate of David Murray.	Dom. Sci. Lab. . .	24 50	
			General supplies. . .		
	3777	Central Scientific Co.	Physical Lab. . .	22 36	
			Biological Lab. . .		
	3778	Orr & Lockett Hardware Co.	Apparatus. . .	218 80	
	3779	Joseph Fay.	Grounds. . .	17 50	
	3780	Mining Journal Co., Ltd.	General supplies. . .	347 90	
			Ptg. and Adv. . .		
	3781	Crary Printing Co.	Ptg. and Adv. . .	13 00	
	3782	Marquette Publishing Co.	Printing. . .	4 75	
	3783	American Express Co.	Freight and Exp. . .	2 75	
	3784	Flanigan Bros.	Freight and Exp. . .	23 73	
	3785	National Office Supply Co.	General supplies. . .	1 20	
	3786	Neostyle Co.	General supplies. . .	8 21	
	3787	Woelz Bros.	General supplies. . .	4 80	
	3788	Kelly Hardware Co.	General supplies. . .	23 50	
	3789	Hager Bros. Co., Ltd.	General supplies. . .	7 00	
	3790	Marshall Paper Co.	General supplies. . .	23 75	
	3791	Marshall Field & Co.	General supplies. . .	6 00	
	3792	Thomas Charles Co.	General supplies. . .	68	
	3793	Bigelow & Co.	General supplies. . .	1 70	
	3794	J. E. Tretheway.	Gen. supplies, art. . .	3 30	
	3795	Lyon & Healy.	Gen. Sup., music. . .	80	
	3796	The Educational Pub. Co.	Gen. Sup., music. . .	102 95	
	3797	Silver Burdett & Co.	Gen. Sup., music. . .	45	
	3798	Ginn & Co.	Training school. . .	34 48	
					5,718 38
Total expenditure from present year funds.					\$59,542 56
Total disbursements:					
From former year.					\$361 18
From present year.					59,542 56
Balance on hand to current year fund.					1,451 00
Balancing receipts for the year.					\$61,354 74

STATE OF MICHIGAN

NORTHERN STATE NORMAL SCHOOL.

EXHIBIT C.

T. W. Nadal, Treasurer, Dr., for fiscal year ending June 30, 1914.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
1913.				
June 30	Balance from former year.....	\$1,451 00	
July 15	389	First National Bank, Marquette, Mich.....	8 76	
Oct. 20	396	Diploma fees.....	48 00	\$1,507 76
		Legislative appropriations:		
July 20	388	State Treasurer.....	\$4,702 50	
Aug. 21	392	State Treasurer.....	4,702 50	
Sept. 20	394	State Treasurer.....	4,702 50	
Oct. 20	397	State Treasurer.....	4,702 50	
Nov. 21	403	State Treasurer.....	4,702 50	
Dec. 15	404	State Treasurer.....	4,702 50	
1914.				
Jan. 20	409	State Treasurer.....	4,702 50	
Feb. 23	416	State Treasurer.....	4,702 50	
Mar. 27	417	State Treasurer.....	4,702 50	
April 24	419	State Treasurer.....	4,702 50	
May 26	424	State Treasurer.....	4,702 50	
June 19	427	State Treasurer.....	4,702 50	56,430 00
1913.		Other sources:		
July 14	390	Diploma fees.....	\$237 00	
	391	Laboratory fees.....	54 50	
Aug. 15	393	First National Bank, Marquette, Mich.....	8 93	
Sept. 15	395	First National Bank, Marquette, Mich.....	5 15	
	398	Tuition fees.....	1,240 00	
	399	Laboratory fees.....	51 00	
	400	Diploma fees.....	216 00	
	401	First National Bank, Marquette, Mich.....	4 60	
Sept. 30	402	Tuition fees.....	1,280 00	
Dec. 15	405	First National Bank, Marquette, Mich.....	6 32	
	406	First National Bank, Marquette, Mich.....	3 59	
	407	Jos. Gillott & Sons (Error Voucher 3935).....	57	
	408	Consolidated Fuel & Lumber Co. (Error Voucher 3826).....	10	
1914.				
Jan. 21	410	Tuition and diploma fees.....	49 00	
	411	Laboratory fees.....	112 00	
Feb. 20	415	Doris I. Bowron, Secretary.....	1,255 00	
April 24	420	First National Bank, Marquette, Mich.....	42 14	
	421	Diploma fees.....	34 00	
	422	Laboratory fees.....	112 50	
May 26	425	Tuition fees.....	1,245 00	
June 30	428	Diploma fees.....	262 00	
	429	Laboratory fees.....	42 00	6,261 40
		Total receipts from all sources.....		\$64,199 16

STATE BOARD OF EDUCATION

127

NORTHERN STATE NORMAL SCHOOL.

EXHIBIT D.

T. W. Nadal, Treasurer, Cr., for fiscal year ending June 30, 1914.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
FORMER YEAR.					
1913.					
July 28	3799	Louis Guelff.....	Domestic science..	\$3 40	
	3800	Pendill's Pharmacy.....	Domestic science..	3 30	
	3801	Estate of David Murray.....	Domestic science..	17 92	
	3802	A. H. Westlake.....	Domestic science..	2 62	
	3803	A. LaVallee.....	Domestic science..	1 80	
	3804	Lake Superior Ice Co.....	Domestic science..	1 25	
	3805	Henry Hill Chemical Co.....	Phys., Chem. Lab..	15 60	
	3806	H. R. Pattengill.....	Advertising.....	39 00	
	3807	W. M. Welch Mfg. Co.....	Printing.....	192 50	
	3808	American Express Co.....	Express.....	7 15	
	3809	Western Express Co.....	Express.....	1 95	
	3810	Flanigan Bros.....	Express.....	8 33	
	3811	M. R. Manhard & Son.....	General supplies..	82 34	
	3812	McIntosh Stereopticon Co.....	General supplies..	8 00	
	3813	Kee Lox Mfg. Co.....	General supplies..	7 00	
	3814	The Stafford Drug Co.....	General supplies..	6 08	
	3815	Marshall Field & Co.....	General supplies..	45 45	
	3816	Atkinson, Mentzer & Co.....	General supplies..	8 00	
	3817	Clayton F. Summy Co.....	General supplies..	5 40	
	3818	G. Schirmer, Inc.....	General supplies..	6 30	
	3819	C. M. Barnes-Wilcox Co.....	Training school..	1 92	
	3820	Baker Paper Co.....	Training school..	7 00	
	3821	Thomas Charles Co.....	Training school..	13 20	
	3822	Board of Fire & Water Com.....	Water.....	47 60	
	3823	Nathaniel Butler.....	Contingent.....	75 00	
	3824	Grace A. Spalding.....	Contingent.....	24 85	
	3825	Marquette Steam Laundry.....	Contingent.....	7 46	
	3826	Consolidated Fuel & Lum. Co.....	Alt. and repairs..	31 60	
	3827	F. B. Spear & Sons.....	Fuel and lights..	96 79	
	3828	Marquette Gas Light Co.....	Fuel and lights..	4 85	
	3829	A. C. McClurg & Co.....	Library.....	148 46	
	3830	A. C. McClurg & Co.....	Library.....	2 00	
	3831	Sherman, French & Co.....	Library.....	1 35	
	3832	N. O. Lawson.....	Biological Lab.....	20 00	
	3833	Central Scientific Co.....	Biological Lab.....	50 44	
	3834	A. H. Westlake.....	Dom. Sci. Lab.....	4 68	
	3835	Estate of David Murray.....	Dom. Sci. Lab.....	29 85	
	3836	A. LaVallee.....	Dom. Sci. Lab.....	2 85	
	3837	Fassbender & Pierce.....	Dom. Sci. Lab.....	2 25	
	3838	Louis Guelff.....	Dom. Sci. Lab.....	4 65	
	3839	Joseph Fay.....	Grounds.....	6 50	
	3840	Marquette Pub. Co.....	Ptg. and Adv.....	50 00	
	3841	Mining Gazette Co.....	Ptg. and Adv.....	6 00	
	3842	American Express Co.....	Freight and Exp..	5 38	
	3843	Educational Bureau.....	General supplies..	4 10	
	3844	Frank C. Teal Co.....	General supplies..	63 83	
	3845	M. R. Manhard & Son.....	General supplies..	93 89	
	3846	C. F. Willesen.....	General supplies..	6 60	
	3847	Rand, McNally & Co.....	Training school..	47 20	
	3848	Scott, Foresman & Co.....	Training school..	18 60	
	3849	D. C. Heath & Co.....	Training school..	44 94	
	3850	The Macmillan Co.....	Training school..	6 51	
Aug. 30	3859	Dodd, Mead & Co.....	Library.....	18 00	
	3860	The Bobbs-Merrill Co.....	Library.....	2 50	
	3861	D. Appleton & Co.....	Library.....	1 24	
	3862	Lake Superior Ice Co.....	Domestic science..	1 90	
	3863	Flanigan Bros.....	Freight and Exp..	11 07	
	3864	Stafford Drug Co.....	General supplies..	1 35	
	3865	W. M. Welch Mfg. Co.....	General supplies..	5 26	
	3866	Newson & Company.....	Training school..	7 39	
Sept. 26	3898	Louis Guelff.....	Domestic science..	4 51	
Oct. 31	3914	E. J. Sink.....	Alt. and repairs..	6 75	
	3915	Light & Power Commission.....	Alt. and repairs..	55	
	3916	Western Express Co.....	Freight and Exp..	1 30	
	3917	Charles T. Geill.....	General supplies..	85	
Nov. 28	3939	Mich. State Telephone Co.....	Contingent.....	1 98	
	3940	E. J. Sink.....	Alt. and repairs..	9 22	
	3941	Lake Side Iron Works.....	Alt. and repairs..	1 60	
	3942	Mining Journal Co., Ltd.....	Library.....	7 20	
	3943	H. Blemhuber & Son.....	Biological Lab.....	3 25	
	3944	E. R. Tauch.....	Biological Lab.....	13 00	

STATE OF MICHIGAN

NORTHERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.	
1913						
Nov. 28	3945	J. A. Malhiot.	Domestic science.	\$1 00	\$1,507 76	
	3946	Pendill's Pharmacy.	General supplies.	4 80		
	3947	Faasbender & Pierce.	Domestic science.	1 90		
	3948	Desjardins' Pharmacy.	Training school.	3 40		
	3949	Hager Bros. Co., Ltd.	General supplies.	4 00		
PRESENT YEAR.						
July 28	3851	Pay roll.	Salaries.	\$5,206 33	5,554 03	
	3852	Rollo Walter Brown.	Contingent.	130 00		
	3853	Thomas M. Sattler.	Contingent.	53 17		
	3854	A. N. Cody.	Contingent.	55 92		
	3855	James H. Kaye.	Contingent.	18 92		
	3856	F. F. Searl.	Contingent.	54 07		
	3857	Light & Power Commission.	Fuel and lights.	25 00		
	3858	A. D. Baughman, P. M.	Postage.	10 62		
Aug. 30	3867	Pay roll.	Salaries.	\$4,795 27		5,726 21
	3868	Doris I. Bowron, Secretary.	Sundries.	50 00		
	3869	Marquette Steam Laundry.	Contingent.	7 07		
	3870	Grace A. Spalding.	Contingent.	11 90		
	3871	A. D. Dean.	Contingent.	225 00		
	3872	Mich. State Telephone Co.	Contingent.	9 00		
	3873	Light & Power Commission.	Fuel and lights.	25 00		
	3874	Marquette Gas Light Co.	Fuel and lights.	3 51		
	3875	G. R. Liberty.	Library.	1 00		
	3876	D. C. Heath & Co.	Library.	3 28		
	3877	The Macmillan Co.	Library.	6 46		
	3878	Lake Superior Ice Co.	Domestic science.	3 00		
	3879	Estate of D. Murray.	Domestic Science.	40 26		
	3880	A. La Vallee.	Domestic science.	3 00		
	3881	McIntosh Stereopticon Co.	Biological Lab.	4 10		
	3882	Central Scientific Co.	Biological Lab.	5 64		
	3883	Joe Fay.	Grounds.	5 00		
	3884	Flanigan Bros.	Freight and Exp.	3 51		
	3885	American Express Co.	Freight and Exp.	4 63		
	3886	Western Express Co.	Freight and Exp.	2 95		
	3887	Riddeford Bros.	General supplies.	37 00		
	3888	National Office Supply Co.	General supplies.	2 25		
	3889	Bigelow & Co.	General supplies.	2 80		
	3890	Marquette Pub. Co.	General supplies.	14 75		
	3891	A. H. Westlake.	General supplies.	2 10		
	3892	Rand, McNally & Co.	Training school.	4 20		
	3893	W. M. Welch Mfg. Co.	Training school.	12 00		
	3894	Board of Fire and Water Com.	Water.	128 90		
	3895	Lipsett & Sinclair.	Alt. and repairs.	81 40		
	3896	Underwood Typewriter Co.	Library.	87 48		
	3897	Mining Journal Co., Ltd.	Ptg. and Adv.	143 75		
			Library.			
			General supplies.			
Sept. 30	3899	Pay roll.	Salaries.	\$4,249 40	4,441 48	
Sept. 26	3900	Marquette Steam Laundry.	Contingent.	1 67		
	3901	C. John Scholthus.	Alt. and repairs.	19 80		
	3902	F. B. Spear & Sons.	Alt. and repairs.	17 40		
	3903	Light & Power Commission.	Fuel and lights.	25 00		
	3904	A. C. McClurg & Co.	Library.	2 21		
	3905	A. C. McClurg & Co.	Library.	63 89		
	3906	Marquette Gas Light Co.	Fuel and lights.	1 48		
	3907	Louis Guelf.	Domestic science.	4 85		
	3908	Mining Gazette Co.	Ptg. and Adv.	1 50		
	3909	West Disinfecting Co.	General supplies.	23 75		
	3910	A. H. Abbott & Co.	General supplies.	12 10		
	3911	National Office Supply Co.	General supplies.	2 25		
	3912	The Stenglein Bindery.	General supplies.	5 10		
	3913	F. N. Green, P. M.	Postage.	11 08		
Oct. 31	3918	Pay roll.	Salaries.	\$4,181 60	4,441 48	
	3919	Mich. State Telephone Co.	Contingent.	9 00		
	3920	Marquette Steam Laundry.	Contingent.	5 67		
	3921	M. R. Manhard & Son, Ltd.	Alt. and repairs.	64 01		
	3922	Marquette Gas Light Co.	Fuel and lights.	1 31		
	3923	Light & Power Commission.	Fuel and lights.	25 00		
	3924	James Pickands & Co.	Fuel and lights.	180 92		
	3925	McDonald and Hayes.	Phys., Chem. Lab.	2 85		
	3926	A. H. Westlake.	Dom. Sci. Lab.	8 50		

STATE BOARD OF EDUCATION

129

NORTHERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913					
Oct. 31	3927	Pendill's Pharmacy	General supplies	\$3 65	
	3928	Garden City Edu. Co.	Dom. Sci. Lab.	9 94	
	3929	The Stafford Drug Co.	General supplies	2 40	
	3930	The American Con. Pub. Co.	Ptg. and Adv.	18 00	
	3931	The Mining Gazette	Ptg. and Adv.	4 50	
	3932	Soo News Printing Co.	Ptg. and Adv.	7 56	
	3933	Marquette Pub. Co.	Ptg. and Adv.	82 61	
	3934	Southern Mich. Paper Co.	General supplies	7 75	
	3935	Joseph Gillott & Sons	General supplies	2 65	
	3936	Newson & Co.	General supplies	7 80	
	3937	A. H. Abbott & Co.	General supplies	1 28	
	3938	Scott, Foresman & Co.	Training school	7 23	
					\$4,634 23
Nov. 29	3950	Pay roll	Salaries	\$4,070 80	
Nov. 28	3951	Marquette Steam Laundry	Contingent	5 13	
	3952	James Pickands & Co.	Fuel and Lights	120 54	
	3953	Light & Power Commission	Fuel and lights	25 00	
	3954	Marquette Gas Light Co.	Fuel and lights	4 04	
	3955	Mining Gazette Co.	Library	6 00	
	3956	Conrad Slide & Projection Co.	Biological Lab.	43 75	
	3957	A. H. Westlake	Dom. Sci. Lab.	6 53	
	3958	Lake Superior Ice Co.	Dom. Sci. Lab.	2 55	
	3959	G. D. Hodgkins	Grounds	20 00	
	3960	Mining Journal Co., Ltd.	Ptg. and Adv.	114 50	
	3961	Detroit Free Press	Library	7 50	
	3962	Sault News Printing Co.	Ptg. and Adv.	5 40	
	3963	Flanigan Bros	Freight and Exp.	12 42	
	3964	American Express Co.	Freight and Exp.	10 42	
	3965	J. H. Foster Co.	General supplies	5 50	
	3966	W. M. Welch Mfg. Co.	General supplies	82 46	
	3967	Hager Bros., Ltd.	General supplies	53 86	
	3968	Board of Fire & Water Com.	Water	147 50	
					4,743 90
Dec. 31	3969	Pay roll	Salaries	\$4,195 60	
	3970	State Treasurer	Insurance	73 86	
	3971	Doris I. Bowron, Secretary	Sundries	50 00	
	3972	Marquette Steam Laundry	Contingent	6 16	
	3973	Consol. Fuel & Lumber Co.	Alt. and repairs	43 24	
	3974	Light & Power Commission	Fuel and lights	34 30	
	3975	James Pickands & Co.	Fuel and lights	120 38	
	3976	Marquette Gas Light Co.	Fuel and lights	3 51	
	3977	Ginn and Co.	Library	39 87	
	3978	Funk & Wagnalls Co.	Library	21 60	
	3979	Scott, Foresman & Co.	Library	28 12	
	3980	Nature Pub. Co.	Library	3 75	
	3981	D. C. Heath & Co.	Library	15 61	
	3982	Herbert Putnam	Library	11 00	
	3983	A. C. McClurg & Co.	Library	61 79	
	3984	Frank D. Beattys & Co.	Library	4 80	
	3985	Lake Superior Ice Co.	Dom. Sci. Lab.	1 80	
	3986	Louis Guelf	Dom. Sci. Lab.	2 50	
	3987	Estate of David Murray	Dom. Sci. Lab.	53 29	
	3988	Fassbender & Pierce	Dom. Sci. Lab.	5 21	
	3989	A. La Vallee	Dom. Sci. Lab.	4 65	
	3990	M. M. Stierle	Biological Lab.	10 00	
	3991	Row, Peterson & Co.	Training school	1 58	
	3992	C. M. Barnes-Wilcox Co.	Training school	2 03	
	3993	Houghton, Mifflin Co.	Training school	9 46	
	3994	Orville Brewer Pub. Co.	Training school	1 08	
	3995	Baker Paper Co.	Training school	1 52	
	3996	Longmans Green & Co.	Training school	17 45	
	3997	A. Flanagan Co.	Training school	2 72	
	3998	Rand, McNally & Co.	Training school	33 00	
	3999	The Macmillan Co.	Training school	36 82	
	4000	Silver Burdett & Co.	Training school	32 41	
	4001	The Prang Co.	General supplies	4 71	
	4002	Thomas Charles Co.	General supplies	10 74	
	4003	The Worrell Mfg. Co.	General supplies	12 50	
	4004	B. Niedhart & Co.	General supplies	39 00	
	4005	Anton Henriksen	General supplies	2 50	
	4006	Bigelow & Co.	General supplies	5 64	
	4007	The Stafford Drug Co.	General supplies	4 60	
	4008	J. E. Trethewey	General supplies	3 50	
	4009	Student Girls' League	Ptg. and Adv.	15 00	
	4010	John Enright	Grounds	35 83	
	4011	Joseph Fay	Grounds	2 50	
	4012	American Express Co.	Freight and Exp.	88	

STATE OF MICHIGAN

NORTHERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Dec. 31	4013	D. Appleton & Co.	Domestic science.	\$1 62	\$5,604 13
	4014	Andrew Anderson.	Grounds.	11 55	
	4015	James H. Kaye.	Contingent.	24 47	
	4016	James H. Kaye.	Contingent.	32 58	
	4017	Swanson Bros.	Grounds.	467 40	
1914 Jan. 31	4018	Pay roll.	Salaries.	\$4,291 40	
	4019	Mich. State Telephone Co.	Contingent.	11 20	
	4020	G. A. Spalding.	Contingent.	4 20	
	4021	Marquette Steam Laundry.	Contingent.	4 04	
	4022	G. R. Watts.	Contingent.	14 40	
	4023	Lipsett & Sinclair.	Alt. and repairs.	71 49	
	4024	Lake Side Iron Works.	Alt. and repairs.	9 65	
	4025	Light & Power Commission.	Fuel and lights.	38 45	
	4026	James Pickands & Co.	Fuel and lights.	113 21	
	4027	Marquette Gas Light Co.	Fuel and lights.	3 77	
	4028	Playground & Recreation Ass'n of America.	Library.	2 00	
	4029	Library Bureau.	Library.	3 60	
	4030	Thomas Nelson & Sons.	Library.	6 00	
	4031	A. L. A. Publishing Board.	Library.	1 00	
	4032	J. B. Lippincott Co.	Library.	1 00	
	4033	The Macmillan Co.	Library.	5 88	
	4034	Garden City Edu. Co.	Dom. Sci. Lab.	5 08	
	4035	A. La Vallee.	Dom. Sci. Lab.	1 35	
	4036	Mary Love.	Dom. Sci. Lab.	1 88	
	4037	Pendill's Pharmacy.	General supplies.	3 05	
	4038	A. H. Westlake.	Dom. Sci. Lab.	33 12	
	4039	Estate of David Murray.	Dom. Sci. Lab.	14 40	
	4040	Charles Cummings.	Grounds.	15 50	
	4041	Andrew Anderson.	Grounds.	6 00	
	4042	Student Girls' League.	Ptg. and Adv.	10 00	
	4043	W. M. Welch Mfg. Co.	Training school.	21 92	
	4044	Joseph Fay.	Extra labor.	4 00	
	4045	Flanigan Bros.	Freight and Exp.	27 68	
	4046	American Express Co.	Freight and Exp.	4 42	
	4047	Marquette Publishing Co.	General supplies.	11 25	
	4048	S. Lincoln Smith.	General supplies.	17 00	
	4049	Standard Oil Co.	General supplies.	3 75	
	4050	W. Scott Thurber.	General supplies.	43 50	
	4051	J. H. Foster Co.	General supplies.	9 00	
	4052	Standard Oil Co.	General supplies.	1 57	
	4053	Stenglein Bindery.	General supplies.	4 40	
	4054	Michigan State Broom Shop.	General supplies.	3 00	
	4055	Marshall Field & Co.	General supplies.	15 00	
	4056	M. R. Manhard & Son.	General supplies.	56 47	
	4057	Hager Bros Co., Ltd.	General supplies.	43 00	
	4058	Thomas Charles Co.	Training school.	4 15	
	4059	A. Flanagan Co.	Training school.	10 00	
Feb. 28	4064	Pay roll.	Salaries.	\$3,884 20	4,951 78
	4065	Doris I. Bowron, Secretary.	Sundries.	50 00	
	4066	Marquette Steam Laundry.	Contingent.	6 39	
	4067	Crowell & Murray.	Contingent.	6 80	
	4068	Lake Shore Engine Works.	Alt. and repairs.	2 25	
	4069	Landis Engineering & Mfg. Co.	Alt. and repairs.	25 42	
	4070	Blakeslee Manufacturing Co.	Alt. and repairs.	1 20	
	4071	Robt. P. Byrne.	Fuel and lights.	25 00	
	4072	James Pickands & Co.	Fuel and lights.	221 31	
	4073	Marquette Gas Light Co.	Fuel and lights.	5 28	
	4074	Charles Scribner's Sons.	Library.	8 07	
	4075	A. C. McClurg & Co.	Library.	104 71	
	4076	A. C. McClurg & Co.	Library.	182 00	
	4077	Carnegie Inst. of Washington.	Library.	4 00	
	4078	Ginn and Company.	Library.	7 87	
	4079	Wagenvoord & Co.	Library.	51 40	
	4080	The Macmillan Company.	Training school.	20 67	
	4081	The Macmillan Company.	Library.	22 50	
	4082	Silver, Burdett & Co.	Library.	5 58	
	4083	Bausch & Lomb Optical Co.	Phys., Chem. Lab.	45 83	
	4084	Levin Brothers.	Dom. Sci. Lab.	2 02	
	4085	Garden City Edu. Co.	Dom. Sci. Lab.	3 91	
	4086	A. La Vallee.	Dom. Sci. Lab.	3 15	
	4087	Estate of David Murray.	Dom. Sci. Lab.	37 05	
	4088	Louis Guelff.	Dom. Sci. Lab.	1 40	
	4089	G. D. Hodgkins.	Grounds.	22 50	
	4090	Flanigan Bros.	Freight and Exp.	3 77	

STATE BOARD OF EDUCATION

131

NORTHERN STATE NORMAL SCHOOL.

Exhibit D.—Continued

Date.	No of voucher.	Payee.	For what object.	Amount.	Total.
1914					
Feb. 28	4091	American Express Co.	Freight and Exp.	\$4 84	
	4092	Marshall Field & Co.	General supplies.	1 75	
	4093	Remington Typewriter Co.	General supplies.	5 70	
	4094	Marshall Paper Co.	General supplies.	23 75	
	4095	Marquette Pub. Co.	General supplies.	4 50	
	4096	Scott, Foresman & Co.	General supplies.	15 40	
	4097	Langslow-Fowler Co.	Training school.	74 50	
	4098	Thomas Charles Co.	Training school.	19 50	
	4099	Robt. P. Byrne.	Water.	105 80	
					\$5,010 10
Mar. 31	4100	Pay roll.	Salaries.	\$4,291 40	
Mar. 27	4101	James H. Kaye.	Contingent.	11 31	
	4102	Marquette Steam Laundry.	Contingent.	7 89	
	4103	Mich. State Telephone Co.	Contingent.	1 19	
	4104	James Pickands & Co.	Fuel and lights.	130 90	
	4105	Marquette Gas Light Co.	Fuel and lights.	10 12	
	4106	Robt. F. Byrne.	Fuel and lights.	11 28	
	4107	Harper & Brothers.	Library.	94	
	4108	Dennison Mfg. Co.	Library.	50	
	4109	A. C. McClurg & Co.	Library.	102 29	
	4110	National Education Ass'n.	Library.	4 00	
	4111	Louis Guelff.	Dom. Sci. Lab.	2 45	
	4112	A. La Vallee.	Dom. Sci. Lab.	4 40	
	4113	A. H. Westlake.	Dom. Sci. Lab.	10 10	
	4114	Hager Bros. Co.	Dom. Sci. Lab.	4 56	
	4115	Fassbender & Pierce.	Dom. Sci. Lab.	5 32	
	4116	Estate of David Murray.	Dom. Sci. Lab.	34 78	
	4117	Lake Superior Ice Co.	Dom. Sci. Lab.	2 50	
	4118	Central Scientific Co.	Biological Lab.	8 06	
	4119	Stafford Drug Co.	Biological Lab.	5 15	
	4120	A. A. Spfung.	Biological Lab.	1 63	
	4121	H. R. Pattengill.	Ptg. and Adv.	39 00	
	4122	W. M. Welch Mfg. Co.	Printing.	168 05	
	4123	Flanigan Bros.	Freight and Exp.	6 42	
	4124	Western Express Co.	Freight and Exp.	1 26	
	4125	American Express Co.	Freight and Exp.	4 74	
	4126	Marquette Pub. Co.	General supplies.	3 50	
	4127	Baker Paper Co.	General supplies.	20 48	
	4128	Neostyle Co.	General supplies.	3 64	
	4129	Bigelow & Co.	General supplies.	1 90	
	4130	Mining Journal Co., Ltd.	Ptg. and Adv.	140 65	
	4131	Desjardins' Pharmacy.	General supplies.	2 30	
	4132	Thomas Charles Co.	Training school.	2 63	
	4133	Ginn & Co.	Training school.	1 48	
	4134	Laurel Book Co.	Training school.	1 39	
	4135	W. M. Welch Mfg. Co.	Training school.	7 60	
	4136	A. J. Nystrom & Co.	Training school.	13 80	
	4137	Scott, Foresman & Co.	Training school.	7 68	
	4138	Consolidated Fuel & Lum. Co.	Training school.	57 61	
					5,134 90
April 30	4141	Pay roll.	Salaries.	\$4,020 60	
April 28	4142	Doris I. Bowron, Secretary.	Sundries.	50 00	
	4143	James H. Kaye.	Contingent.	15 99	
	4144	Mich. State Telephone Co.	Contingent.	9 55	
	4145	Marquette Steam Laundry.	Contingent.	6 96	
	4146	Crowell & Murray.	Contingent.	6 80	
	4147	Marquette Gas Light Co.	Fuel and lights.	6 47	
	4148	James Pickands & Co.	Fuel and lights.	328 40	
	4149	Robt. P. Byrne.	Fuel and lights.	41 92	
	4150	The Palmer Co.	Library.	3 85	
	4151	Educational Review.	Library.	3 70	
	4152	John Lane Co.	Library.	2 50	
	4153	J. B. Lippincott Co.	Library.	6 00	
	4154	The Atlantic Monthly Co.	Library.	4 35	
	4155	The Century Co.	Library.	2 45	
	4156	Warwick & York.	Library.	6 00	
	4157	Pendill's Pharmacy.	Dom. Sci. Lab.	3 00	
	4158	Lake Superior Ice Co.	Dom. Sci. Lab.	1 25	
	4159	Fassbender & Pierce.	Dom. Sci. Lab.	4 97	
	4160	A. La Vallee.	Dom. Sci. Lab.	3 15	
	4161	Estate of David Murray.	Dom. Sci. Lab.	29 36	
	4162	Levin Bros.	Dom. Sci. Lab.	2 08	
	4163	Gaylord Bros.	Biological Lab.	4 90	
	4164	Mining Journal Co., Ltd.	Ptg. and Adv.	365 00	
	4165	Marquette Pub. Co.	Printing.	5 25	
	4166	American Express Co.	Freight and Exp.	3 74	

STATE OF MICHIGAN

NORTHERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914					
April 28	4167	Western Express Co.	Freight and Exp.	\$1 50	
	4168	West Disinfecting Co.	General supplies.	37 00	
	4169	Baker Paper Co.	General supplies.	18 00	
	4170	Neostyle Co.	General supplies.	4 08	
	4171	Binney & Smith Co.	General supplies.	70	
	4172	D. C. Heath & Co.	Training school.	1 44	
	4173	J. C. Mountjoy.	Training school.	25 00	
	4174	Longmans, Green & Co.	Training school.	3 90	
	4175	Thomas Charles Co.	Training school.	4 25	
	4176	American Book Co.	Training school.	5 20	
					\$5,039 31
May 30	4178	Pay roll.	Salaries.	\$4,177 40	
May 26	4179	Grace A. Spalding.	Contingent.	3 50	
	4180	Marquette Steam Laundry.	Contingent.	5 20	
	4181	James H. Kaye.	Contingent.	22 87	
	4182	E. J. Sink.	Alt. and repairs.	19 47	
	4183	Consolidated Fuel & Lum. Co.	Alt. and repairs.	23 32	
	4184	Andrew Olson.	Alt. and repairs.	3 83	
	4185	Robert P. Byrne.	Alt. and repairs.	35 39	
	4186	Marquette Gas Light Co.	Fuel and lights.	4 04	
	4187	Robert P. Byrne.	Fuel and lights.	25 41	
	4188	James Pickands & Co.	Fuel and lights.	309 30	
	4189	Fourth International Congress on School Hygiene.	Library.	6 00	
	4190	A. C. McClurg & Co.	Library.	7 65	
	4191	A. C. McClurg & Co.	Library.	44 70	
	4192	The Journal of Geography.	Library.	1 60	
	4193	School Science and Math.	Library.	1 00	
	4194	University of Chicago Press.	Library.	3 33	
	4195	Harper & Brothers.	Library.	1 75	
	4196	A. C. McClurg & Co.	Library.	43 62	
	4197	The Macmillan Company.	Library.	2 39	
	4198	Herbert Putnam, Lib. of Cong.	Library.	11 00	
	4199	A. H. Westlake.	Dom. Sci. Lab.	3 34	
	4200	Louis Guelf.	Dom. Sci. Lab.	3 30	
	4201	Lake Superior Ice Co.	Dom. Sci. Lab.	1 00	
	4202	Estate of David Murray.	Dom. Sci. Lab.	35 29	
	4203	A. G. Spalding & Bros.	Apparatus.	99 10	
	4204	Central Scientific Co.	Phys., Biol. Lab.	34 15	
	4205	Andrew Anderson.	Grounds.	17 90	
	4206	Mining Journal Co., Ltd.	Ptg. and Adv.	34 50	
	4207	Flanigan Bros.	Freight and Exp.	18 14	
	4208	Flanigan Bros.	Freight and Exp.	5 77	
	4209	American Express Co.	Freight and Exp.	5 26	
	4210	M. R. Manhard & Sons, Ltd.	General supplies.	74 42	
	4211	Horace K. Turner Co.	General supplies.	6 19	
	4212	Ihling Bros. Everard Co.	General supplies.	22 78	
	4213	Marshall Field & Co.	General supplies.	20 50	
	4214	A. H. Abbott & Co.	General supplies.	4 95	
	4215	The Stenglein Bindery.	General supplies.	11 50	
	4216	A. Flanagan Co.	Training school.	5 91	
	4217	The A. N. Palmer Co.	Training school.	1 72	
	4218	Felix Daus Duplicator Co.	Training school.	1 50	
	4219	Rand, McNally & Co.	Training school.	3 30	
	4220	Neostyle Co.	Training school.	1 49	
	4221	C. M. Barnes-Wilcox Co.	Training school.	1 03	
	4222	Bigelow & Co.	Training school.	1 42	
	4223	Houghton, Mifflin Co.	Training school.	1 43	
	4224	W. M. Welch Mfg. Co.	Training school.	3 86	
	4225	F. W. Woolworth Co.	Training school.	2 40	
	4226	Robt. P. Byrne, City Treas.	Water.	80 50	
	4227	Western Express Co.	Freight and Exp.	4 28	
					5,258 70
June 30	4229	Pay roll.	Salaries.	\$4,030 70	
	4230	Doris I. Bowron, Secretary.	Sundries.	50 00	
	4231	Michigan State Telephone Co.	Contingent.	3 88	
	4232	Marquette Steam Laundry.	Contingent.	6 68	
	4233	Grace A. Spalding.	Contingent.	24 15	
	4234	S. D. Magers.	Contingent.	7 17	
	4235	James H. Kaye.	Contingent.	39 34	
	4236	J. E. Lautner.	Contingent.	13 75	
	4237	James Pickands & Co., Ltd.	Fuel and lights.	375 56	
	4238	City of Marquette.	Fuel and lights.	33 74	
	4239	Marquette Gas Light Co.	Fuel and lights.	7 82	
	4240	A. C. McClurg & Co.	Library.	7 65	
	4241	The Macmillan Co.	Library.	20 73	
	4242	Ginn & Co.	Library.	3 75	

NORTHERN STATE NORMAL SCHOOL.

Exhibit D.—Concluded.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914					
June 30	4243	Ginn & Co.	Training school	\$28 15	
	4244	The Esterbrook Steel Pen Mfg. Co.	Library	60	
	4245	Harper & Brothers	Library	1 82	
	4246	Library Bureau	Library	1 03	
	4247	Houghton Mifflin Co.	Library	2 07	
	4248	Row, Peterson Co.	Library	5 58	
	4249	Mary E. Byrd	Library	1 00	
	4250	Wagenvoord & Co.	Library	40 01	
	4251	Northrup, King & Co.	Biological Lab.	4 12	
	4252	Central Scientific Co.	Biological Lab.	1 72	
	4253	Estate of David Murray	Dom. Sci. Lab.	45 26	
	4254	Fassbender & Pierce	Dom. Sci. Lab.	4 58	
	4255	Alex. La Vallee	Dom. Sci. Lab.	4 90	
	4256	Louis Gueliff	Dom. Sci. Lab.	4 63	
	4257	Lake Superior Ice Co.	Dom. Sci. Lab.	1 70	
	4258	Marquette Boiler & Sheet Iron Works.	Apparatus	75 00	
	4259	A. G. Spalding & Bros.	Apparatus	13 50	
	4260	John Enright	Grounds	63 75	
	4261	Joseph Fay	Grounds	9 00	
	4262	F. B. Spear & Sons	Grounds	100 87	
	4263	Mining Journal Co., Ltd.	Ptg. and Adv.	239 50	
	4264	American Express Co.	Freight and Exp.	5 96	
	4265	Western Express Co.	Freight and Exp.	1 28	
	4266	Johnson Service Co.	General supplies.	3 00	
	4267	The Federal Graphite Mills	General supplies.	13 44	
	4268	Armour & Co.	General supplies.	19 05	
	4269	Burroughs Adding Machine Co.	General supplies.	243 75	
	4270	M. R. Manhard & Son, Ltd.	General supplies.	19 11	
	4271	Associated Mfr's Co., Inc.	General supplies.	69 14	
	4272	A. H. Westlake	General supplies.	13 79	
	4273	Lyon & Healy	General supplies.	1 88	
	4274	Stafford Drug Co.	General supplies.	7 25	
	4275	Thomas Charles Co.	General supplies.	2 10	
	4276	Orr & Lockett Hardware Co.	General supplies.	7 35	
	4277	The Arabol Mfg. Co.	General supplies.	75	
	4278	The Stenglein Bindery	Training school	4 65	
	4279	J. Q. Lewis & Co.	Training school	5 64	
	4280	Rand, McNally & Co.	Training school	17 73	
	4281	Scott, Foresman & Co.	Training school	4 08	
	4282	A. Flanagan Co.	Training school	9 39	
	4283	The A. N. Palmer Co.	Training school	6 08	
	4284	Felix F. Daus Duplicator Co.	Training school	2 40	
	4285	Thomas Charles Co.	Training school	2 18	
					\$5,734 71
Total expenditure for the present year					\$61,833 48
Total disbursements:					
From former year					\$1,507 76
From present year					61,833 48
Balance on hand to current year fund					857 92
Balancing receipts for the year					\$64,199 16

STATE OF MICHIGAN

NORTHERN STATE NORMAL SCHOOL.

EXHIBIT E.

Salary account, Cr., for fiscal year ending June 30, 1913.

Date.	No. of voucher.	Payroll.	Amount.	Total.
1912.				
July 31	3442	July.....	\$4,817 95	
Aug. 31	3458	August.....	4,463 40	
Sept. 30	3473	September.....	3,977 30	
Oct. 31	3485	October.....	4,056 05	
Nov. 30	3517	November.....	3,933 90	
Dec. 31	3546	December.....	4,062 05	
1913.				
Jan. 31	3588	January.....	4,176 65	
Feb. 28	3612	February.....	3,779 70	
Mar. 31	3651	March.....	4,176 65	
April 30	3690	April.....	4,057 10	
May 31	3730	May.....	4,213 90	
June 30	3751	June.....	4,094 55	
		Total for the year.....		\$49,809 20

NORTHERN STATE NORMAL SCHOOL.

*Exhibit E.—Concluded.**Salary account, Cr., for fiscal year ending June 30, 1914.*

Date.	No. of voucher.	Payroll.	Amount.	Total.
1913.				
July 28	3851	July.....	\$5,206 33	
Aug. 30	3867	August.....	4,795 27	
Sept. 30	3899	September.....	4,249 40	
Oct. 31	3918	October.....	4,181 60	
Nov. 29	3950	November.....	4,070 80	
Dec. 31	3969	December.....	4,195 60	
1914.				
Jan. 31	4018	January.....	4,291 40	
Feb. 28	4064	February.....	3,884 20	
Mar. 31	4100	March.....	4,291 40	
April 30	4141	April.....	4,020 60	
May 30	4178	May.....	4,177 40	
June 30	4229	June.....	4,030 70	
		Total for the year.....		\$51,394 70

NORTHERN STATE NORMAL SCHOOL.

EXHIBIT F.

ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
1912.		Repairs on library:		
July 1		Balance on hand.....	\$7 65	
July 1		Equipment for domestic science building:		
July 1		Balance on hand.....	1 37	
July 1		Cement sidewalks:		
July 1		Balance on hand.....	192 22	
July 1		Grading street:		
July 1		Balance on hand.....	650 00	
July 1		Curbing and macadamizing street.....	500 00	
1914.		Main building:		
Jan. 20	412	State Treasurer.....	11,000 00	
22	413	State Treasurer.....	5,000 00	
31	414	State Treasurer.....	10,000 00	
Mar. 27	418	State Treasurer.....	8,000 00	
April 28	423	State Treasurer.....	8,000 00	
May 23	426	State Treasurer.....	10,000 00	
June 25	430	State Treasurer.....	25,000 00	
Total receipts for two years.....				\$78,351 24

NORTHERN STATE NORMAL SCHOOL.

Exhibit F.—Continued.

SUMMARY.

	Amount.	Total.
Disbursements:		
Repairs on library.....	\$7 65	
Equipment for domestic science building.....	1 37	
Main building.....	61,854 05	
Curbing and macadamizing streets.....	338 55	
		\$62,201 62
Balances:		
Cement sidewalks.....	\$192 22	
Grading streets.....	650 00	
Curbing and macadamizing streets.....	161 45	
Main building.....	15,145 95	
		16,149 62
Balancing receipts.....		\$78,351 24

STATE OF MICHIGAN

NORTHERN STATE NORMAL SCHOOL.

Exhibit F.—Concluded.

Date.	No. of voucher.	Payee.	Amount.	Total.
1912 Oct. 31	3514	Repairs on library: Lipsett & Sinclair.....	\$7 65	\$7 65
	3515	Equipment for domestic science building: Schoch & Allen.....	\$1 37	
				1 37
1914. Jan. 31	4060	Main building: Herman Gundlach.....	\$10,224 00	18,291 45
	4061	Charlton & Kuenzli.....	4,014 69	
	4062	Herman Gundlach.....	3,345 18	
	4063	Swanson Bros.....	707 58	
Mar. 27	4140	Herman Gundlach.....	\$15,344 99	15,344 99
April 28	4176	Herman Gundlach.....	\$7,344 01	7,344 01
May 26	4228	Herman Gundlach.....	\$6,209 99	6,209 99
June 27	4286	Herman Gundlach.....	\$13,550 41	14,663 61
	4287	Charlton & Kuenzli.....	1,113 20	
1914. Mar. 27	4140	Curbing and macadamizing streets: Robt. P. Byrne, City Treasurer.....	\$338 55	338 55
		Total disbursements.....		\$62,201 62

STATE BOARD OF EDUCATION

137

WESTERN STATE NORMAL SCHOOL.

EXHIBIT A.

T. W. Nadal, Treasurer, Dr., for fiscal year ending June 30, 1913.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
1912.				
July 1		Balance from former year		\$1,860 21
		Legislative appropriations:		
July 13	243	State Treasurer	\$7,083 33	
Aug. 17	247	State Treasurer	7,083 33	
Sept. 18	249	State Treasurer	7,083 33	
Oct. 30	253	State Treasurer	7,083 33	
Nov. 13	256	State Treasurer	7,083 33	
Dec. 23	257	State Treasurer	7,083 33	
1913.				
Jan. 16	260	State Treasurer	7,083 33	
Feb. 19	264	State Treasurer	7,083 33	
Mar. 31	268	State Treasurer	7,083 33	
April 4	268	State Treasurer	7,083 33	
May 25	272	State Treasurer	7,083 33	
June 18	274	State Treasurer	7,083 37	
				85,000 00
1912.		Other sources:		
July 31	244	Tuition fees	\$2,437 00	
	245	Locker fees	85 00	
	246	Albion State Bank, Albion, Mich	14 50	
Aug. 17	248	Albion State Bank, Albion, Mich	18 56	
Sept. 27	250	Fees	174 00	
Sept. 30	251	Tuitions	3,214 00	
Sept. 15	252	Albion State Bank, Albion, Mich	14 80	
Oct. 15	254	Albion State Bank, Albion, Mich	16 66	
Nov. 9	256	Albion State Bank, Albion, Mich	16 01	
Dec. 30	258	Fees	419 50	
Dec. 15	259	Albion State Bank, Albion, Mich	18 17	
1913.				
Jan. 15	261	Albion State Bank, Albion, Mich	10 86	
Jan. 30	262	Tuition fees	2,910 00	
	263	Central Scientific Co	10 00	
Feb. 15	265	Albion State Bank, Albion, Mich	14 15	
Mar. 15	267	Albion State Bank, Albion, Mich	16 49	
April 6	269	Tuition and other fees	473 00	
April 30	270	Tuitions	2,745 00	
April 15	271	Albion State Bank, Albion, Mich	14 31	
May 15	273	Albion State Bank, Albion, Mich	20 67	
June 27	275	Tuitions	1,207 25	
June 15	276	Albion State Bank, Albion, Mich	18 42	
				13,868 35
		Total receipts from all sources		\$100,728 56

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

EXHIBIT B.

T. W. Nadal, Treasurer, Cr., for fiscal year ending June 30, 1913.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
FORMER YEAR.					
1912.					
July 30	2900	Katherine Newton, Secretary.	Sundries.	\$94 31	
	2901	A. C. McClurg & Co.	Library	399 48	
	2902	C. E. Burleigh	Repairs	2 50	
	2903	Ihling Bros. & Everard Co.	General supplies.	71 35	
	2904	Edwards and Chamberlain Hardware Co.	General supplies.	33 02	
	2905	Mich. State Telephone Co.	Manual training.		
	2906	Star Paper Co.	Telephone.	17 48	
	2907	North & Coon Lumber Co.	General supplies.	35 29	
	2908	Clark Paper Co.	General supplies.	14 73	
	2909	Gilmore Bros.	General supplies.	20 50	
	2910	Kalamazoo Tel.-Press Co.	General supplies.	9 62	
	2911	W. E. Geary	Advertising	38 40	
	2912	Preston & Preston	General supplies.	33 50	
	2913	Commonwealth Power Co.	General supplies.	10 00	
	2914	Horton-Beimer Press.	Light and Power	130 02	
	2915	Geo. McDonald Drug Co.	Printing	10 00	
	2916	Columbian Electric Co.	Lab. supplies	1 75	
	2917	Grinnell Bros.	General supplies.	24 80	
	2918	Doubleday-Huber-Dolan Co.	Piano rent	23 00	
	2919	Isaac Mendosa Book Co.	Printing	481 92	
	2920	Houghton Mifflin Co.	Library	6 50	
	2921	Charles Scribner's Sons.	Library	12 13	
	2922	M. N. Zeigler	Library	2 00	
	2923	C. H. Stoelting Co.	Advertising	4 00	
	2924	Henry C. Adams	Laboratory	11 76	
	2925	Longmans Green Co.	Lecture	55 00	
	2926	American Express Co.	Library	4 87	
	2927	J. C. Ball	Express	13 95	
	2928	American Entomological Co.	Training school	35 24	
	2929	John Hastings Truck Co.	Domestic science		
	2930	Crescent Engraving Co.	Laboratory	3 81	
	2931	R. W. Faltridge & Co.	Freight and Cart	15 33	
	2932	Eberbach & Son Co.	General supplies.	8 33	
	2933	George E. Gates	Electric supplies.	20 00	
	2934	F. W. Russell	Lab. supplies	1 75	
	2935	C. H. Barnes & Co.	Library	5 10	
	2936	A. & D. Sheet Metal Works.	General supplies.	6 53	
	2937	Wheeler-Blanney Co.	Printing	1 65	
	2938	H. R. Pattengill	Repairs	62 40	
	2939	Richard Holton, Mgr.	Repairs	10 80	
			Advertising	13 00	
			Advertising	5 50	
Sept. 27	2959	Casebear & Beissel	Grounds	\$83 00	\$1,751 32
	2960	American Express Co.	Express	7 05	
Oct. 31	3006	A. L. A. Publishing Board	Library	\$1 20	90 05
Nov. 29		J. R. Jones' Sons & Co.	Domestic art.	\$17 64	1 20
					17 64
		Total expenditures former year, balance			\$1,860 21
PRESENT YEAR.					
July 31	2940	Pay roll	Salaries	\$8,152 56	
July 30	2941	Katherine Newton, Secretary	Sundries	44 13	
	2942	The Macmillan Co.	Library	4 25	
	2943	Bausch & Lomb Optical Co.	Laboratory	110 70	
	2944	Frank C. Teal Co.	General supplies.	60 38	
	2945	Chas. W. Seymour	Lecture	50 00	
	2946	Mich. State Telephone Co.	Telephone	19 50	
	2947	James R. Gray & Co.	Library	8 25	
	2948	P. P. Claxton	Lecture	62 50	
	2949	W. C. Bagley	Lecture	67 00	
	2950	O. T. Corson	Lecture	68 00	
	2951	A. D. Baughman, P. M.	Postage	11 54	
	2952	Burroughs Adding Machine Co.	Repairs	1 50	
					\$8,660 31

STATE BOARD OF EDUCATION

139

WESTERN STATE NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
Aug. 31	2953	Pay roll.....	Salaries.....	\$7,309 37	
	2954	Michael Doyle.....	Extra labor.....	22 25	
	2955	Dodd, Mead & Co.....	Library.....	4 50	
	2956	Herald Publishing Co.....	Printing.....	2 05	
	2957	Thane Benedict.....	Contingent.....	10 31	
	2958	Charles A. Robertson.....	Contingent.....	16 49	
					\$7,364 97
Sept. 30	2961	Pay roll.....	Salaries.....	\$6,533 00	
Sept. 27	2962	Katherine Newton, Secretary.....	Sundries.....	115 90	
	2963	Dewing & Sons.....	Manual training.....	6 55	
	2964	Wheeler-Blaney Co.....	Alt. and repairs.....	71 54	
	2965	Geo. Houston, Water Com.....	Water.....	151 72	
	2966	Jno. Hastings Truck Co.....	Freight and Cart.....	19 03	
	2967	Mich. State Telephone Co.....	Telephone.....	6 99	
	2968	Kalamazoo Paper Box Co.....	General supplies.....	16 35	
	2969	Houghton, Miffin Co.....	Library.....	1 25	
	2970	Clarence W. Fuller.....	General supplies.....	6 30	
	2971	Jos. Gillott & Sons.....	Training schools.....	5 40	
	2973	Wizard Products Co.....	General supplies.....	25 00	
	2973	The Boston Book Co.....	Library.....	153 00	
	2974	J. L. Hammett Co.....	Training school.....	7 00	
	2975	Scott Paper Co.....	General supplies.....	35 10	
	2976	The Star Stoneware Co.....	General supplies.....	5 00	
	2977	Milwaukee Dustless Brush Co.....	General supplies.....	17 33	
	2978	Theo. B. Robertson Soap Co.....	General supplies.....	3 00	
	2979	A. E. Hauter.....	General supplies.....	305 00	
	2980	M. O'Brien & Son.....	Picture.....	20 00	
	2981	Daily News Co.....	Advertising.....	15 00	
	2982	Library Bureau.....	Library.....	11 35	
	2983	The Hunnewell Soap Co.....	General supplies.....	7 50	
	2984	Lusky, White & Coolidge Co.....	General supplies.....	1 26	
	2985	Ernst Hertzberg & Sons.....	Freight.....	5 33	
	2986	The Detroit Journal Co.....	Advertising.....	21 00	
	2987	W. M. Welch Mfg. Co.....	General supplies.....	14 40	
	2988	North Coon Lumber Co.....	General supplies.....	16 05	
	2989	C. H. Dutton Co.....	General supplies.....	10 62	
	2990	Geo. Houston, Water Com.....	Water.....	65 60	
	2991	Gilmore Bros.....	General supplies.....	5 22	
	2992	Ihling Bros. & Everard.....	General supplies.....	66 35	
	2993	Kalamazoo Fdy. & Mach. Co.....	Grounds.....	27 00	
	2994	E. E. Labadie.....	General supplies.....	3 40	
	2995	Horton-Beimer Press.....	Printing.....	25 50	
	2996	C. H. Stoelting Co.....	Lab. equipment.....	74 85	
	2997	West Disinfecting Co.....	General supplies.....	31 75	
	2998	Eberbach & Son Co.....	Lab. supplies.....	3 15	
	2999	The American Hist. Ass'n.....	Library.....	3 00	
	3000	American Express Co.....	Express.....	15 78	
	3001	Edwards & Chamberlain Hdw Co.....	Manual training.....	127 63	
	3002	F. W. Russell.....	General supplies.....	57 70	
	3003	Columbian Electric Co.....	General supplies.....	13 20	
	3004	W. O. Harlow.....	Alt. and repairs.....	7 95	
	3005	Commonwealth Power Co.....	Light and power.....	39 76	
					8,174_81
Oct. 31	3007	Pay roll.....	Salaries.....	\$6,947 25	
	3008	Central Scientific Co.....	Lab. supplies.....	117 47	
	3009	Katherine Newton, Secretary.....	Sundries.....	143 11	
	3010	W. E. Geary.....	General Supplies.....	181 30	
	3011	Longmans Green & Co.....	Training school.....	29 65	
	3012	Charles Scribner's Sons.....	Training school.....	1 72	
	3013	C. H. Dutton Co.....	Alt. and repairs.....	31 08	
	3014	Adams-Brander Co.....	Printing.....	3 00	
	3015	Clark Paper Co.....	Gen. Tr. school.....	160 17	
	3016	W. M. Welch Mfg. Co.....	General supplies.....	3 50	
	3017	The Home Furnishing Co.....	Manual training.....	15 75	
	3018	Grand Rapids Herald.....	Advertising.....	18 00	
	3019	Quality House.....	Furniture.....	47 50	
	3020	T. E. Donnelly.....	Dom. science.....	30 28	
	3021	Eberbach & Son.....	Lab. supplies.....	48 76	
	3022	The Conrad Slide & Pro. Co.....	Lab. supplies.....	31 65	
	3023	Evening Press Co.....	Advertising.....	26 25	
	3024	Hitomi & Company.....	Art supplies.....	19 20	
	3025	The Peabody School Furn. Co.....	Furniture.....	90 00	
	3026	E. Hertzberg & Sons.....	Library.....	133 59	
	3027	Wilmarth Show Case Co.....	Furniture.....	55 00	
	3028	A. L. Lakey Co.....	General supplies.....	6 30	
	3029	Bausch & Lomb Optical Co.....	Lab. supplies.....	40 95	

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912					
Oct. 31	3030	Tobias Paardekooper	Grounds	\$78 38	
	3031	Houghton Mifflin Co.	Training school	24 34	
	3032	Joseph L. Cohen	General supplies	1 75	
	3033	Josephine Brower	Library	2 00	
	3034	Chas. K. Reed	Library	2 85	
	3035	H. B. Colman, P. M.	Postage	50 00	
	3036	D. C. Heath & Co.	Training school	1 78	
	3037	American Book Co.	Training school	15 28	
	3038	C. E. Burleigh	Furniture	131 00	
	3039	Rand, McNally & Co.	General supplies	6 40	
	3040	The Boston Book Co.	Library	60 00	
	3041	Edson, Keith & Co.	Domestic art	14 75	
	3042	Alex. Y. Malcomson Coal Co.	Fuel	137 31	
	3043	Normal Co-operative Store	Art supplies	31 50	
	3044	Star Paper Co.	General supplies	27 00	
	3045	John Van Male & Son	General supplies	14 00	
	3046	Art Metal & Construction Co.	Laboratory	130 00	
	3047	Heystek & Canfield Co.	General supplies	2 25	
	3048	North & Coon, Lumber Co.	General supplies	6 23	
	3049	C. H. Barnes & Co.	General supplies	5 00	
	3050	A. & D. Sheet Metal Works	Manual training	79 00	
	3051	Dewing & Sons	Training school	79 25	
	3052	American Express Co.	Express	4 03	
	3053	Commonwealth Power Co.	Light and power	21 61	
	3054	Kalamazoo Telegraph Press	Advertising	17 25	
	3055	Horton-Beimer Press	Printing	32 25	
	3056	Mich. State Telephone Co.	Telephone	27 35	
	3057	Horace Prentice & Son	Manual training	18 00	
	3058	Gilmore Bros.	Domestic art	18 17	
	3059	Edwards & Chamberlain Hdw Co.	General supplies	15 07	
	3060	Ihling Bros. & Everard Co.	General supplies	15 33	
	3061	Marine Biological Laboratory	Lab. supplies	7 05	
	3062	Detroit Daily Abend-Post	Advertising	15 00	
					\$9,272 66
Nov. 30	3064	Pay roll	Salaries	\$6,680 00	
Nov. 29	3065	Katherine Newton, Secretary	Sundries	60 93	
	3066	Edwards & Chamberlain Hdw Co.	General supplies	43 08	
	3067	Newson & Company	Training school	5 51	
	3068	J. R. Jones Sons & Co.	General supplies	14 21	
	3069	Garden City Educational Co.	General supplies	3 15	
	3070	A. C. McClurg & Co.	Library	54 91	
	3071	American Book Co.	Training school	2 80	
	3072	The H. W. Wilson Co.	Library	31 26	
	3073	Expression Co.	Library	8 79	
	3074	Narragansett Machine Co.	General supplies	4 00	
	3075	American Express Co.	Express	5 25	
	3076	Star Paper Co.	General supplies	2 40	
	3077	Horton-Beimer Press	Printing	37 50	
	3078	North & Coon Lumber Co.	General supplies	9 06	
	3079	Ihling Bros. Everard Co.	Printing	44 96	
	3080	A. L. Lakey Co.	General supplies	3 20	
	3081	Peoples' Outfitting Co.	Furniture	24 00	
	3082	Grinnell Bros.	Piano rent	60 00	
	3083	F. W. Russell	General supplies	7 53	
	3084	Gilmore Bros.	General supplies	2 94	
	3085	George Houston, Water Com.	Water	40 16	
	3086	Kalamazoo Gazette	Advertising	13 50	
	3087	Geo. Rickman	Repairs	5 00	
	3088	Columbian Electric Co.	General supplies	8 78	
	3089	Mich. State Telephone Co.	Telephone	5 87	
	3090	Commonwealth Power Co.	Light and power	66 58	
	3091	John Hastings Truck Co.	Freight and Cartage	18 05	
	3092	The Detroit News Co.	Training school	6 92	
	3093	Rand, McNally & Co.	Training school	4 00	
	3094	Eberbach & Son Co.	Laboratory	29 15	
	3095	Julius A. J. Friedrich	Contingent	2 00	
	3096	Houghton Mifflin Co.	Library	13 57	
	3097	Central Scientific Co.	Lab. supplies	48 51	
	3098	The Detroit Free Press	Library	5 00	
	3099	Michigan State Prison	General supplies	15 00	
	3100	The Conrad Slide & Pro. Co.	Lab. supplies	5 60	
	3101	A. C. McClurg & Co.	Library	11 72	

STATE BOARD OF EDUCATION

141

WESTERN STATE NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1912 Nov. 29	3102	Ernest Hertzberg & Sons.....	Library.....	\$25 13	\$7,522 47
	3103	A. A. Wheat.....	General supplies.....	30 00	
	3104	The Elm Tree Press.....	Library.....	2 35	
	3105	The Chicago Record-Herald.....	Library.....	4 00	
	3106	Colman Drug Co.....	Lab., Gen. Sup.....	6 10	
	3107	Geo. McDonald Drug Co.....	Lab., Gen. Sup.....	18 90	
	3108	Mrs. F. E. Donnelly.....	General supplies.....	30 90	
			Domestic science.....		
Dec. 31	3109	Pay roll.....	Salaries.....	\$6,828 25	7,769 20
Dec. 27	3110	Katherine Newton, Secretary.....	Sundries.....	39 60	
	3111	North & Coon Lumber Co.....	General supplies.....	28 06	
	3112	W. E. Geary.....	General supplies.....	10 92	
	3113	A. L. Lakey Co.....	Manual training.....	1 10	
	3114	Clark Paper Co.....	General supplies.....	9 45	
	3115	Jno. Hastings Truck Co.....	General supplies.....	13 15	
	3116	Wheeler-Blaney Co.....	Freight and Cart.....	46 35	
	3117	C. H. Barnes & Co.....	Alt. and repairs.....	30 00	
	3118	Columbian Electric Co.....	Printing.....	7 45	
	3119	Gilmore Bros.....	General supplies.....	1 21	
	3120	Horton-Beimer Press.....	Domestic art.....	3 00	
	3121	Commonwealth Power Co.....	Printing.....	90 94	
	3122	Colman Drug Co.....	Light and power.....	1 65	
	3123	Mich. State Telephone Co.....	Lab. supplies.....	2 10	
	3124	Ihling Bros. Everard Co.....	Telephone.....	23 95	
	3125	Star Paper Co.....	Printing.....	1 47	
	3126	Crescent Engraving Co.....	Domestic art.....	5 98	
	3127	Mrs. F. E. Donnelly.....	Training school.....	29 62	
	3128	Atkinson, Mentzer & Co.....	General supplies.....	15 00	
	3129	Brasch & Rothenstein.....	General supplies.....	44 30	
	3130	A. C. McClurg & Co.....	General supplies.....	84 55	
	3131	Ernst Hertzberg & Sons.....	Library.....	62 70	
	3132	Edwards & Chamberlain.....	Library.....	11 18	
	3133	Hardware Co.....	General supplies.....	5 44	
	3134	American Express Co.....	Manual training.....	5 75	
	3135	James R. Gray & Co.....	Express.....	156 11	
	3136	Alex. Y. Malcolmson Coal Co.....	Training school.....	32 50	
	3137	Wizard Products Co.....	Fuel.....	5 00	
	3138	C. D. Jennings.....	General supplies.....	21 84	
	3139	Geo. E. Gates.....	Advertising.....	97 91	
	3140	Henry Meyer.....	Library.....	31 50	
	3141	Bausch & Lomb Optical Co.....	Furniture.....	16 91	
	3142	Garden City Educational Co.....	Lab. supplies.....	1 00	
	3143	A. L. A. Publishing Board.....	Domestic art.....	1 26	
	3144	Central Scientific Co.....	Library.....	2 00	
		The Recorder Press Co.....	Lab. supplies.....		
			Printing.....		
1913. Jan. 31	3145	Pay roll.....	Salaries.....	\$7,027 25	
Jan. 25	3146	Katherine Newton, Secretary.....	Sundries.....	33 50	
	3147	Edwards & Chamberlain Hdw. Co.....	General supplies.....	18 21	
	3148	Geo. McDonald Drug Co.....	Lab. supplies.....	11 98	
	3149	A. C. McClurg Co.....	Library.....	36 64	
	3150	Gilmore Bros.....	General supplies.....	8 29	
	3151	Library Bureau.....	General supplies.....	5 08	
	3152	Central Scientific Co.....	Training school.....	11 50	
	3153	The C. H. Dutton Co.....	Lab. supplies.....	17 09	
	3154	North & Coon Lumber Co.....	General supplies.....	13 66	
	3155	Star Paper Co.....	General supplies.....	28 50	
	3156	Ihling Bros. Everard Co.....	General supplies.....	12 33	
	3157	Grinnell Bros.....	General supplies.....	28 00	
	3158	Mich. State Telephone Co.....	Rent of piano.....	21 80	
	3159	Star Bargain House.....	Telephone.....	2 74	
	3160	Columbian Electric Co.....	Training school.....	3 83	
	3161	Commonwealth Power Co.....	General supplies.....	117 07	
	3162	Adams-Brander Co.....	Light and power.....	3 00	
	3163	Wheeler-Blaney Co.....	Printing.....	1 80	
	3164	C. H. Barnes & Co.....	General supplies.....	9 29	
	3165	C. E. Burleigh.....	Printing.....	3 00	
	3166	Mrs. F. E. Donnelly.....	Furniture.....	12 67	
	3167	Clark Paper Co.....	Training school.....	15 12	
			General supplies.....		

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913					
Jan. 25	3168	Horton-Beimer Press.	Printing.	\$4 45	
	3169	Scott, Foresman & Co.	Training school.	5 60	
	3170	Houghton, Mifflin Co.	Library.	48 45	
	3171	University of Chicago Press.	Library.	23 76	
Feb. 28	3173	Pay roll.	Salaries.	\$6,423 05	\$7,525 21
	3174	Katherine Newton, Secretary.	Sundries.	84 50	
	3175	Alex. Malcomson Coal Co.	Fuel.	569 77	
	3176	Narragansett Machine Co.	Lockers.	69 75	
	3177	Commonwealth Power Co.	Light and power.	69 22	
	3178	George Houston, Water Com.	Water and meter.	66 07	
	3179	A. C. McClurg & Co.	Library.	48 34	
	3180	C. J. Newland.	Grounds.	44 35	
	3181	Central Scientific Co.	Laboratory.	41 50	
	3182	C. H. Barnes & Co.	Printing.	37 45	
	3183	Clark Paper Co.	General supplies.	36 85	
	3184	Edwards & Chamberlain	General supplies.	28 99	
		Hardware Co.	Manual training.		
	3185	F. E. Donnelly.	Domestic science.	24 24	
	3186	The Hoover-Bond Co.	Gymnasium.	22 75	
	3187	The H. W. Wilson Co.	Library.	17 70	
	3188	Star Paper Co.	General supplies.	16 05	
	3189	North & Coon Lumber Co.	General supplies.	12 91	
	3190	Automatic Jointer Guard Co.	Training school.		
	3191	Grinnell Bros.	Manual training.	12 00	
			Tuning and rent of		
			planos.	12 00	
	3192	Geo. McDonald Drug Co.	Laboratory.	9 89	
	3193	Horton-Beimer Press.	Printing.	9 50	
	3194	Rand, McNally & Co.	General supplies.	9 48	
	3195	The Macmillan Co.	Laboratory.	8 50	
	3196	The Hunnewell Soap Co.	General supplies.	7 50	
	3197	Bausch & Lomb Optical Co.	Laboratory.	7 20	
	3198	Colman Drug Co.	General supplies.	6 20	
	3199	Kalamazoo Railway Sup. Co.	General supplies.	5 50	
	3200	John Hastings Truck Co.	Freight and Cart.	5 45	
	3201	Mich. State Telephone Co.	Telephone.	4 95	
	3202	Beecher, Kymer & Patterson.	General supplies.	4 50	
	3203	Gilmore Bros.	General supplies.	3 72	
			Training school.		
	3204	Columbian Electric Co.	Alt. and repairs.	3 66	
	3205	Herman Vetten.	Apparatus.	3 60	
	3206	Adams-Brander Co.	Printing.	3 00	
	3207	American Express Co.	Express.	2 98	
	3208	Wheeler-Blaney Co.	Alt. and repairs.	2 80	
	3209	Ihling Bros. Everard Co.	General supplies.	2 46	
	3210	Star Bargain House.	Laboratory.	1 79	
	3211	Dewing & Sons.	General supplies.	1 20	
	3212	D. B. Waldo.	Contingent.	26 19	
	3213	D. B. Waldo.	Contingent.	20 78	
	3214	J. I. Holcomb Mfg. Co.	Supplies.	16 80	
Mar. 31	3215	Pay roll.	Salaries.	\$6,999 50	7,805 44
Mar. 29	3216	Katherine Newton, Secretary.	Sundries.	142 21	
	3217	Alex. Malcomson Coal Co.	Fuel.	538 55	
	3218	Commonwealth Power Co.	Light and Power.	130 16	
	3219	Central Scientific Co.	Lab. supplies.	102 50	
	3220	W. Scott Thurber.	Pictures.	77 00	
	3221	H. B. Colman, P. M.	Postage.	50 00	
	3222	Ernst Hertzberg & Sons.	Library.	46 00	
	3223	Scott Paper Co.	General supplies.	34 10	
	3224	Edwards & Chamberlain Hdw. Co.	Lab. equipment.	33 06	
	3225	H. R. Pattengill.	Advertising.	30 00	
	3226	H. W. Fairbanks Pub. Co.	General supplies.	25 90	
	3227	Kalamazoo Stove Co.	Lab. equipment.	24 95	
	3228	Wheeler-Blaney Co.	Repairs.	22 01	
	3229	Mrs. F. E. Donnelly.	Domestic science.	18 43	
	3230	Geo. McDonald Drug Co.	Laboratory.	18 00	
	3231	Dewing & Sons.	General supplies.	17 85	
	3232	Columbian Electric Co.	General supplies.	10 47	
	3233	Horton-Beimer Press.	Printing.	10 25	
	3234	Colman Drug Co.	Lab. and Gym.	10 10	
	3235	Normal Cooperative Store.	Library.	8 84	
	3236	Crescent Engraving Co.	General supplies.	8 84	

STATE BOARD OF EDUCATION

143

WESTERN STATE NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913					
Mar. 29	3237	Calumet Tea & Coffee Co.	Domestic science.	\$8 40	
	3238	Grinnell Bros.	Rent of piano.	8 00	
	3239	Mich. State Telephone Co.	Telephone.	7 68	
	3240	Ihling Bros. Everard Co.	General supplies.	5 00	
	3241	J. R. Jones' Sons Co.	Domestic art.	3 30	
	3242	Clarence H. Fuller.	General supplies.	6 30	
	3243	Grace E. Moore.	Domestic science.	6 07	
	3244	American Express Co.	Express.	4 14	
	3245	C. H. Barnes & Co.	Printing.	3 00	
	3246	V. Everit Macy, Treasurer.	Library.	3 00	
	3247	W. F. Dodd.	Library.	2 20	
	3248	North & Coon Lumber Co.	Training school.	2 00	
	3249	F. B. Pratt.	Library.	1 75	
	3250	MacKall Bros.	Lab. supplies.	1 64	
	3251	R. W. Paltridge Co.	General supplies.	1 61	
	3252	C. H. Stoelting Co.	Lab. supplies.	1 35	
	3253	University of Chicago Press.	Library.	33	
	3254	Gilmore Bros.	Domestic art.	15	
	3255	Hildred Hanson.	Correction.		
					\$8,427 98
April 30	3256	Pay roll.	Salaries.	\$6,741 20	
April 26	3257	D. B. Waldo.	Contingent.	61 90	
	3258	D. B. Waldo.	Contingent.	22 00	
	3259	Katherine Newton, Secretary.	Sundries.	71 38	
	3260	Alex. Malcomson Coal Co.	Fuel.	297 22	
	3261	W. M. Welch Mfg. Co.	General supplies.	255 00	
	3262	Commonwealth Power Co.	Light and power.	75 21	
	3263	Kenyon L. Butterfield.	Lecture.	75 00	
	3264	Clarke Paper Co.	Printing.	68 00	
	3265	Central Scientific Co.	Lab. supplies.	47 00	
	3266	Ihling Bros. & Everard Co.	General supplies.	42 07	
	3267	Imperial Brush Co.	General supplies.	42 00	
	3268	Horton-Beimer Press.	Printing.	33 00	
	3269	E. H. Sheldon Co.	General Equip.	31 50	
	3270	A. E. Hauter.	Pictures.	27 50	
	3271	Michigan Brush Co.	General supplies.	26 55	
	3272	C. H. Barnes & Co.	Printing.	25 75	
	3273	Wizard Products Co.	General supplies.	25 00	
	3274	Columbia Refining Co.	General supplies.	22 04	
	3275	John Hastings Truck Co.	Freight and Cart.	18 51	
	3276	Kalamazoo Railway Sup. Co.	General supplies.	17 50	
	3277	A. C. McClurg & Co.	Library.	15 98	
	3278	J. F. Hindbaugh.	Domestic science.	12 83	
	3279	Colman Drug Co.	Lab. supplies.	11 35	
	3280	John Wanamaker.	Library.	10 85	
	3281	The Atlas Mills.	General supplies.	10 00	
	3282	Geo. McDonald Drug Co.	Lab. supplies.	9 86	
	3283	D. W. Springer, Secretary.	Library.	2 00	
	3284	The Macmillan Co.	Library.	3 62	
	3285	Sengbusch Self-Closing Ink Stand Co.	General supplies.	2 00	
	3286	American Express Co.	Express.	2 85	
	3287	Columbian Electric Co.	General supplies.	6 15	
	3288	Gilmore Bros.	General supplies.	2 28	
	3289	Edwards & Chamberlain Hdw. Co.	Manual training.	6 34	
	3290	Wheeler-Blaney Co.	Repairs.	4 75	
	3291	Dewing & Sons.	Manual training.	3 00	
	3292	Marine Biological Lab.	Lab. supplies.	4 73	
	3293	Mrs. F. E. Donnelly.	Domestic science.	18 30	
	3294	J. H. O'Brien.	Pictures.	50 00	
May 31	3295	Pay roll.	Salaries.	\$7,250 10	
	3296	Katherine Newton, Secretary.	Sundries.	126 12	
	3297	A. C. McClurg & Co.	Library.	331 80	
	3298	Ihling Bros. Everard Co.	Printing.	308 24	
	3299	W. Scott Thurber.	Pictures.	76 00	
	3300	W. E. Geary.	General supplies.	72 00	
	3301	George Houston, Water Com.	Water.	51 26	
	3302	Commonwealth Power Co.	Light and power.	50 57	
	3303	Mich. State Telephone Co.	Telephone.	37 72	
	3304	Frank C. Teal Co.	General supplies.	27 60	
	3305	Mrs. F. E. Donnelly.	Domestic science.	27 00	
	3306	Ernst Hertzberg & Sons.	Library.	25 80	
	3307	Kalamazoo Tele. Press Co.	Advertising.	20 40	
					8,202 22

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

Exhibit B.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 May 31	3308	P. C. Kantz	Lab. supplies	\$20 00	
	3309	Geo. McDonald Drug Co.	Lab. supplies	17 19	
	3310	W. M. Welch Mfg. Co.	General supplies	14 40	
	3311	F. W. Russell	General supplies	13 48	
	3312	Edson Keith & Co.	Domestic art	12 10	
	3313	Bond Supply Co.	Manual training	11 70	
	3314	Grinnell Bros.	Rent and tuning pianos	11 50	
	3315	Crescent Engraving Co.	General supplies	10 98	
	3316	Ginn & Co.	General supplies	8 13	
	3317	Horton-Beimer Press.	Printing	7 75	
	3318	Gilmore Bros.	General supplies	7 67	
	3319	Dewing & Sons.	General supplies	6 98	
	3320	C. H. Barnes & Co.	Printing	6 25	
	3321	North Lumber & Mfg. Co.	General supplies	5 50	
	3322	Crane & McGlenen	General supplies	5 00	
	3323	Dodd, Mead & Co.	Library	4 05	
	3324	Kalamazoo Soap Co.	General supplies	4 00	
	3325	American Express Co.	Express	3 85	
	3326	Colman Drug Co.	General supplies	3 60	
	3327	Adams-Brander Co.	Printing	3 00	
	3328	New York Times	Library	2 00	
	3329	Beecher, Kymer & Patterson	General supplies	1 90	
	3330	Clark Paper Co.	General supplies	1 65	
	3331	Central Scientific Co.	Laboratory	1 40	
	3332	D. B. Waldo	Contingent	62 80	
	3333	John R. Rankl	Recital	25 00	
	3334	Grace Grove	Recital	25 00	
	3335	The Golden Rule Ptg. Co.	Printing	2 90	
	3336	The Record-Press Co.	Printing	2 40	
					\$8,704 79
1913. June 30	3337	Pay roll	Salaries	\$6,899 70	
	3338	Katherine Newton, Secretary	Sundries	166 05	
	3339	Francis A. Lasher & Co.	Library	231 30	
	3340	A. C. McClurg & Co.	Library	186 39	
	3341	Edwards & Chamberlain Hdw. Co.	Supplies	142 92	
	3342	Chas. Scribner's Sons	Library	90 00	
	3343	Kalamazoo Normal Record	Advertising	86 40	
	3344	Houghton, Mifflin Co.	Library	78 60	
	3345	Commonwealth Power Co.	Light and power	66 67	
	3346	Horton-Beimer Press.	Ptg. and supplies	54 70	
	3347	H. B. Colman, P. M.	Postage	50 00	
	3348	Bastian Bros.	General supplies	50 00	
	3349	George Barrie & Sons	Library	38 00	
	3350	Central Scientific Co.	Lab. supplies	37 99	
	3351	C. E. Burleigh	Training school	37 50	
	3352	Mrs. F. E. Donnelly	Supplies	34 11	
	3353	The Christian Sci. Pub. Co.	Advertising	21 00	
	3354	Kalamazoo Tel.-Press Co.	Advertising	19 80	
	3355	John Hastings Truck Co.	Freight and Cart	13 62	
	3356	Kalamazoo Railway Sup. Co.	General supplies	13 50	
	3357	Kalamazoo Sheet Met. Mfg. Co	Repairs	11 28	
	3358	Wheeler-Blaney Co.	Plumbing	10 81	
	3359	Harper & Bros.	Library	13 50	
	3360	Grace E. Moore	Supplies	11 75	
	3361	Kalamazoo Soap Co.	General supplies	9 81	
	3362	Phelps & Bigelow Windmill Co.	General supplies	8 40	
	3363	American Express Co.	Express	6 95	
	3364	Grinnell Bros. Music House.	Rent of piano	8 00	
	3365	Gilmore Bros.	General supplies	2 61	
	3366	Mich. State Telephone Co.	Telephone	5 76	
	3367	Beecher, Kymer & Patterson	General supplies	2 00	
	3368	Adams-Brander Co.	Printing	11 75	
	3369	Columbian Electric Co.	General supplies	1 87	
	3370	Colman Drug Co.	General supplies	2 95	
	3371	W. Atlee Burpee & Co.	Lab. supplies	4 05	

STATE BOARD OF EDUCATION

145

WESTERN STATE NORMAL SCHOOL.

Exhibit B.—Concluded.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 June 30	3372	The Reflector.....	Advertising.....	\$5 50	
	3373	Atkinson, Mentzer & Co.....	Gen. supplies, art..	6 00	
	3374	Jay I. Dawson.....	Advertising.....	3 00	
	3375	J. F. Haughey.....	Advertising.....	4 00	
	3376	Teachers' College.....	Library.....	1 00	
	3377	Elizabeth Nursery Co.....	Lab. supplies.....	7 20	
	3378	Don McKone, Editor Breeze...	Advertising.....	6 00	
	3379	Midway Chemical Co.....	General supplies...	5 00	
	3380	Ihling Bros. Everard Co.....	511 35	
					\$9,038 69
Total expenditures from present year funds.....					\$98,468 75
Total disbursements:					
From former year.....					\$1,860 21
From present year.....					98,468 75
Balance on hand to current year fund.....					399 60
Balancing receipts for the year.....					\$100,728 56

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

EXHIBIT C.

T. W. Nadal, Treasurer, Dr., for fiscal year ending June 30, 1914.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
1913.				
June 30		Balance from former year	\$399 60	
July 15	278	Former year—Albion State Bank, Albion, Mich.	15 00	\$414 60
		Legislative appropriations:		
July 20	277	State Treasurer	\$9,166 66	
Aug. 21	280	State Treasurer	9,166 66	
Sept. 20	282	State Treasurer	9,166 66	
Oct. 20	285	State Treasurer	9,166 66	
Nov. 21	287	State Treasurer	9,166 66	
Dec. 15	288	State Treasurer	9,166 66	
1914.				
Jan. 20	295	State Treasurer	9,166 66	
Feb. 23	298	State Treasurer	9,166 66	
Mar. 27	299	State Treasurer	9,166 66	
April 24	300	State Treasurer	9,166 66	
May 26	305	State Treasurer	9,166 66	
June 19	306	State Treasurer	9,166 74	110,000 00
		Other sources:		
July 30	279	Tuition and other fees	\$2,495 00	
Aug. 15	281	Albion State Bank, Albion, Mich.	16 54	
Sept. 29	283	Tuition and other fees	3,162 00	
Oct. 15	284	Albion State Bank, Albion, Mich.	6 72	
Dec. 23	289	Albion State Bank, Albion, Mich.	8 61	
	290	Albion State Bank, Albion, Mich.	6 50	
	291	First National Bank, Charlotte, Mich.	12 81	
	292	First National Bank, Charlotte, Mich.	11 42	
	293	Fees	352 00	
	294	W. J. McKone, error in accounts	19 28	
1914.				
Jan. 29	296	Tuitions	3,115 00	
April 24	301	First National Bank, Charlotte, Mich.	33 91	
	302	A. C. McClurg Co.	1 00	
April 28	303	Fees	226 00	
	304	Tuitions	2,895 00	12,391 79
		Total receipts from all sources		\$122,806 39

STATE BOARD OF EDUCATION

147

WESTERN STATE NORMAL SCHOOL.

EXHIBIT D.

T. W. Nadal, Treasurer, Cr., for fiscal year ending June 30, 1914.

ON ACCOUNT OF CURRENT EXPENSES.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913.		FORMER YEAR.			
July 28	3381	Katherine Newton, Secretary.	Sundries.	\$31 26	
	3382	Moderator-Topics.	Advertising.	36 00	
	3383	F. A. Hansen.	Advertising.	5 00	
	3384	Mrs. F. E. Donnelly.	General supplies.	41 76	
	3385	Reginald Smith.	Advertising.	4 50	
	3386	P. D. Keim.	General supplies.	3 80	
	3387	Geo. McDonald Drug Co.	Laboratory.	9 94	
	3388	Wheeler-Blaney Co.	Plumbing.	4 40	
	3389	North Lumber & Mfg. Co.	General supplies.	7 04	
	3390	Mich. State Telephone Co.	Telephone.	7 40	
	3391	Jno. Hastings Truck Co.	Freight and Cart.	18 87	
	3392	Horton-Beimer Press.	Printing.	6 30	
	3393	Wm. Locher.	General supplies.	4 05	
	3394	Bastian Bros. Co.	General supplies.	30 00	
	3395	Ihling Bros. Everard Co.	General supplies.	52 90	
	3396	Coan H Adams.	Advertising.	5 00	
	3397	C. H. Stoetling Co.	Lab. supplies.	4 11	
	3398	D. B. Waldo.	Contingent.	11 66	
	3399	Silver, Burdett & Co.	Library.	5 46	
	3400	Young Women's Christian Ass'n	Advertising.	15 00	
	3401	Commonwealth Power Co.	Light and power.	49 03	
	3402	Kalamazoo Telegraph Press.	Advertising.	3 24	
	3403	Clark Paper Co.	General supplies.	3 10	
	3404	The Kalamazoo Gazette.	Advertising.	1 60	
	3405	Grinnell Bros.	Rent of pianos.	8 50	
Oct. 31	3495	Favor Ruhl & Co.	Art supplies.	\$9 30	\$369 92
Nov. 28	3548	Grace E. Moore.	Domestic science.	\$21 75	9 30
	3549	C. H. Barnes & Co.	Printing.	3 25	
	3550	Star Paper Co.	General supplies.	2 25	
	3551	Adams-Brander Co.	Printing.	3 75	
	3552	Gilmore Bros.	General supplies.	4 38	35 38
					\$414 60
		PRESENT YEAR.			
July 28	3406	Pay roll.	Salaries.	\$9,003 71	
	3407	Katherine Newton, Secretary.	Sundries.	45 06	
	3408	Lotus D. Coffman.	Lecture.	70 00	
	3409	John Phelps.	Library.	1 46	
	3410	Mich. State Telephone Co.	Telephone.	19 50	
	3411	E. H. Sheldon & Co.	Manual training.	90 00	
	3412	W. Scott Thurber.	Pictures.	65 00	
	3413	R. W. Paltridge & Co.	General supplies.	3 66	
	3414	Edwards & Chamberlain Hdw. Co.	General supplies.	143 06	
	3415	Star Bargain House.	General supplies.	12 36	
	3416	School Methods Co.	Library.	17 75	
	3417	The De Leon Studio.	Decorating.	23 00	
	3418	W. E. Geary.	Pictures.	60 75	
	3419	The Star Paper Co.	General supplies.	49 97	
	3420	Mrs. Geo. Sprau.	Pictures.	21 00	
	3421	Central Scientific Co.	Lab. supplies.	11 67	
	3422	The Superior Ice Co.	General supplies.	9 45	
	3423	Gilmore Bros.	General supplies.	11 93	
	3424	A. C. McClurg & Co.	Library.	86 39	
	3425	Godfrey Lumber Co.	Training school.	15 00	
	3426	A. & D. Sheet Metal Works.	Repairs.	83 20	
	3427	C. Van Bochove & Bro.	Rent of palms.	6 40	
	3428	H. Stewert.	General supplies.	6 00	
	3429	Dold's Drug Store.	Lab. supplies.	5 25	
Aug. 30	3430	Pay roll.	Salaries.	\$7,601 23	9,861 57
	3431	Katherine Newton, Secretary.	Sundries.	127 47	
	3432	Charles H. Judd.	Lecture.	61 00	
	3433	Jno. Hastings Truck Co.	Freight and Cart.	40 11	
	3434	George Houston.	Water.	65 38	

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Aug. 30	3535	Ihling Bros. Everard Co.	Printing	\$21 50	
	3436	Edwards & Chamberlain Hdw. Co.	Manual training	27 11	
	3437	Mrs. F. E. Donnelly	Domestic science	6 71	
	3438	Gilmore Bros.	General supplies	33 80	
	3439	Harry Barton	Grounds	16 25	
	3440	C. E. Buri Leigh	General supplies	140 00	
	3441	Fischer's Music Shop	General supplies	201 75	
	3442	Narragansett Machine Co.	General supplies	153 20	
	3443	Commonwealth Power Co.	Light and power	39 78	
	3444	North Lumber & Mfg. Co.	General Supplies	13 91	
	3445	Wheeler-Blaney Co.	Repairs	34 27	
	3446	The Century Co.	Library	53 58	
	3447	G. E. Stechert & Co.	Library	2 83	
	3448	Carnegie Lib. of Pittsburgh	Library	1 50	
	3449	R. R. Bowker Co.	Library	4 34	
	3450	Star Bargain House	General supplies	11 87	
	3451	A. L. Lakey & Co.	Repairs	14 90	
	3452	Bond Supply Co.	General supplies	1 40	
	3453	Columbian Electric Co.	Repairs	22 15	
	3454	Colman Drug Co.	General supplies	2 74	
	3455	Horton-Beimer Press	Printing	11 75	
	3456	Martin Larsen	Decorating	70 00	
	3457	A. C. McClurg & Co.	Library	16 06	
	3458	Thomas Charles Co.	General supplies	3 88	
	3459	Mich. State Telephone Co.	Telephone	5 75	
	3460	Insulindie Nurseries	Laboratory	11 25	
					\$8,817 37
Sept. 30	3462	Pay roll	Salaries	\$6,906 00	
Sept. 26	3463	Katherine Newton, Secretary	Sundries	55 21	
	3464	D. B. Waldo	Contingent	61 49	
	3465	H. B. Colman, P. M.	Postage	50 00	
	3466	The Detroit Journal	Advertising	28 84	
	3467	Commonwealth Power Co.	Light and power	27 10	
	3468	Jno. Hastings Truck Co.	Freight and Cart	26 14	
	3469	Central Scientific Co.	Laboratory	25 75	
	3470	H. C. Taft	Grounds	25 50	
	3471	The Evening Press Co.	Advertising	25 00	
	3472	Wheeler-Blaney Co.	Plumbing	24 02	
	3473	D. B. Waldo	Contingent	20 83	
	3474	Grand Rapids Herald	Advertising	20 58	
	3475	Daily News Co.	Advertising	20 00	
	3476	Detroit Free Press	Advertising	16 80	
	3477	Ihling Bros. Everard Co.	General supplies	16 65	
	3478	Grinnell Bros. Music House	Piano rent	16 00	
	3479	Star Paper Co.	Training school	15 05	
	3480	R. L. Polk & Co.	Advertising	15 00	
	3481	Detroit Daily Abend Post	Advertising	15 00	
	3482	Horton-Beimer Press	General supplies	11 00	
	3483	Fischer Music Shop	General supplies	10 50	
	3484	Kalamazoo Paper Box Co.	General supplies	9 50	
	3485	North Lumber & Mfg. Co.	General supplies	8 87	
	3486	Clark Paper Co.	General supplies	8 70	
	3487	Mich. State Telephone Co.	Telephone toll	6 10	
	3488	Horace Prentice & Son	Furniture	6 00	
	3489	Albion Chemical Works	Training school	5 25	
	3490	Edwards & Chamberlain Hdw. Co.	General supplies	5 19	
	3491	Atlas School Supply Co.	Training school	3 93	
	3492	Harry Barton	Grounds	2 75	
	3493	Doubleday Bros. & Co.	General supplies	2 25	
	3494	Colman Drug Co.	General supplies	1 80	
					7,492 80
Oct. 31	3496	Pay roll	Salaries	\$7,827 65	
	3497	Katherine Newton, Secretary	Sundries	98 23	
	3498	Grinnell Bros.	Apparatus	550 00	
	3499	Martin Larsen	Decorating	294 00	
	3500	William A. Drake	Grounds	275 00	
	3501	A. C. McClurg & Co.	Library	271 83	
	3502	Henry Meyer	General supplies	212 66	
	3403	Art Metal Construction Co.	Library	210 00	
	3504	A. B. Plowman	Laboratory	130 00	
	3505	Ward's Nat. Sci. Establishment	Laboratory	83 38	

STATE BOARD OF EDUCATION

149

WESTERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Oct. 31	3506	M. Doyle.	Drayage.	\$80 12	\$11,051 75
	3507	Edwards & Chamberlain Hdw. Co.	Training school.	78 49	
	3508	Ernst Leitz.	Laboratory.	67 00	
	3509	J. R. Jones Sons' & Co.	General supplies.	55 15	
	3510	Clark Paper Co.	General supplies.	50 50	
	3511	C. E. Burleigh.	Desks and section.	244 00	
	3512	North Lumber Co.	Training school.	48 90	
	3513	D. B. Waldo.	Contingent.	39 17	
	3514	Mich. State Telephone Co.	Telephone.	35 18	
	3515	Biological Supply Co.	Laboratory.	33 39	
	3516	Kalamazoo Telegraph-Press Co.	Advertising.	28 92	
	3517	Horton-Beimer Press.	General supplies.	27 85	
	3518	George McDonald Drug Co.	Laboratory.	24 88	
	3519	Wheeler-Blaney Co.	Plumbing.	24 49	
	3520	Ihling Bros. Everard Co.	General supplies.	22 55	
	3521	W. D. Ross.	Laboratory.	22 50	
	3522	J. M. Donnelly.	General supplies.	18 84	
	3523	George Houston, Water Com.	Water meter.	18 33	
	3524	Houghton, Mifflin Co.	Library.	15 13	
	3525	Gilmore Bros.	General supplies.	14 91	
	3526	The Boston Book Co.	Library.	14 88	
	3527	W. M. Welch Mfg. Co.	General supplies.	14 40	
	3528	Wizard Products Co.	General supplies.	12 50	
	3529	Godfrey Lumber Co.	Training school.	12 50	
	3530	Albion Chemical Works.	General supplies.	10 42	
	3531	Harry D. Kirk.	General supplies.	9 60	
	3532	Commonwealth Power Co.	Lights and power.	8 52	
	3533	A. L. Lakey Co.	General supplies.	8 59	
	3534	Charles M. Cook.	Piano tuning.	8 00	
	3535	Vetten's.	Training school.	6 50	
	3536	Normal Cooperative Store.	Library.	6 30	
	3537	Kalamazoo Paper Box Co.	General supplies.	6 00	
	3538	Narragansett Machine Co.	General supplies.	4 34	
	3539	Columbian Electric Co.	General supplies.	4 25	
	3540	Colman Drug Co.	Training school.	3 60	
	3541	Kalamazoo Laundry Co.	Laundry.	3 50	
	3542	The Quality House.	Furniture.	3 00	
	3543	American Historical Association	Library.	3 00	
	3544	Garden City Educational Co.	Training school.	2 99	
	3545	Celery City Lumber Co.	Grounds.	2 50	
	3546	Ihling Bros. Everard Co.	General supplies.	3 51	
Nov. 29	3553	Pay roll.	Salaries.	\$7,805 70	
	3554	Grinnell Bros.	Piano.	700 00	
	3555	Ohio & Michigan Coal Co.	Fuel.	472 74	
	3556	J. M. Yount.	Grounds.	307 00	
	3557	Martin Larsen.	Decorating.	240 10	
	3558	A. C. McClurg & Co.	Library.	239 47	
	3559	J. M. Yount.	Grounds.	189 35	
	3560	Library Bureau.	Library.	110 75	
	3561	Katherine Newton, Secretary.	Sundries.	101 87	
	3562	M. C. Taft.	Engineering.	93 00	
	3563	Fischer's Music Shop.	General supplies.	83 15	
	3564	L. C. Smith Bros.	General supplies.	82 00	
	3565	Geo. E. Gates.	Library.	70 00	
	3566	W. E. Geary Art Shop.	General supplies.	72 60	
	3567	George Houston, Water Com.	Water.	66 04	
	3568	Edwards & Chamberlain Hdw. Co.	General supplies.	47 62	
	3569	Columbian Electric Co.	General supplies.	45 66	
	3570	Gilmore Bros.	General supplies.	45 29	
	3571	George McDonald Drug Co.	Laboratory.	44 59	
	3572	Commonwealth Power Co.	Light and power.	42 29	
	3573	Geo. L. Shuman & Co.	Library.	41 00	
	3574	Horton-Beimer Press.	Printing.	37 90	
	3575	Central Scientific Co.	Lab. supplies.	36 44	
	3576	Ihling Bros. Everard Co.	General supplies.	32 45	
	3577	J. M. Donnelly.	General supplies.	30 79	
	3578	Frederick Post Co.	Manual training.	35 10	
	3579	Evening News Association.	Advertising.	30 00	
	3580	Bausch & Lomb Optical Co.	Laboratory.	29 78	
	3581	Wheeler-Blaney Co.	Repairs, plumbing.	28 45	
	3582	Anderson Art Co.	Pictures.	27 63	
	3583	Jackson & Semmelmeier Co.	Pictures.	27 40	

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913					
Nov. 29	3584	Scott Paper Co.	General supplies...	\$27 00	
	3585	James Foster.	Pictures.	25 00	
	3586	Taylor Title Co.	Abstract.	24 55	
	3587	John Hastings Truck Co.	Freight and Cart.	20 96	
	3588	North Lumber & Mfg. Co.	General supplies.	20 93	
	3589	West Disinfecting Co.	General supplies.	20 00	
	3590	Garden City Educational Co.	General supplies.	16 03	
	3591	H. R. Huntting Co.	Library.	21 60	
	3592	E. H. Sheldon & Co.	Manual training.	18 80	
	3593	Houghton Mifflin Co.	Library.	17 25	
	3594	The Plant World.	Laboratory.	17 05	
	3595	Godfrey Lumber Co.	Manual training.	15 50	
	3596	The Atlas Mills.	General supplies.	15 00	
	3597	C. D. Peacock.	Art.	11 45	
	3598	Rand, McNally & Co.	General Supplies.	11 25	
	3599	Ward's Nat. Sci. Establishment	Laboratory.	11 12	
	3600	Adams-Brander Co.	Printing.	10 75	
	3601	F. W. Russell.	General supplies.	10 50	
	3602	George Rickman.	Repairs.	10 00	
	3603	Jos. Dixon Crucible Co.	Training school.	9 00	
	3604	Horace Prentice & Son.	Furniture.	9 00	
	3605	Central Scientific Co.	Lab. supplies.	6 56	
	3606	Star Bargain House.	Dom. science.	5 63	
	3607	Frank C. Wallace, Supt. Doc.	Library.	5 25	
	3608	Frances E. Sabin.	Library.	5 00	
	3609	Bockstanz Bros.	General supplies.	5 00	
	3610	Mich. State Telephone Co.	Telephone.	3 75	
	3611	Dewing & Sons.	Manual training.	3 25	
	3612	A. E. Wood & Co.	Domestic art.	3 10	
	3613	Kalamazoo Railway Sup. Co.	General supplies.	3 00	
	3614	Leary, Stuart & Co.	Library.	2 20	
	3615	Colman Drug Co.	Supplies.	2 10	
	3616	Joseph G. Branch Pub. Co.	Library.	1 22	
	3617	The Train'g School at Vineland.	Training school.	1 00	
Dec. 31	3618	Pay roll.	Salaries.	\$8,133 65	
	3619	Katherine Newton, Secretary.	Sundries.	163 64	
	3620	Board of Education, Howard H. Buckhout, Secretary.	Rent.	275 00	
	3621	A. C. McClurg & Co.	Library.	195 66	
	3622	Ohio & Michigan Coal Co.	Fuel.	156 50	
	3623	W. Scott Thurber.	Pictures.	140 00	
	3624	Wheeler-Blaney Co.	Plumbing.	127 79	
	3625	W. A. Drake.	Grounds.	106 00	
	3626	Commonwealth Power Co.	Light and power.	58 47	
	3627	Clark Paper Co.	General supplies.	56 30	
	3628	Edwards & Chamberlain Hdw. Co.	Lab and Gen. Sup.	55 78	
	3629	Horace Prentice & Son.	Furniture.	52 60	
	3630	University of Chicago Press.	Library.	32 89	
	3631	Gilmore Bros.	General supplies.	30 78	
	3632	M. Doyle.	Hauling.	29 92	
	3633	Ihling Bros. Everard Co.	General supplies.	28 95	
	3634	Jno. Hastings Truck Co.	Freight and Cart.	24 12	
	3635	St. Louis Biol. Lab.	Lab. supplies.	21 10	
	3636	Horton-Beimer Press.	Printing.	20 40	
	3637	Columbia Refining Co.	General supplies.	20 09	
	3638	Grand Rapids Handscrew Co.	Laboratory.	18 72	
	3639	American Type Founders Co.	Training school.	18 36	
	3640	J. M. Donnelly.	General supplies.	18 13	
	3641	Albion Chemical Works.	General supplies.	16 71	
	3642	The Union Library Ass'n.	Library.	15 03	
	3643	A. J. Nystrom Co.	General supplies.	14 24	
	3644	Bond Supply Co.	General supplies.	14 02	
	3645	George D. Fuller.	Library.	12 95	
	3646	Thomas Charles Co.	Training school.	12 50	
	3647	Longmans, Green & Co.	General supplies.	10 50	
	3648	American Oil & Disin't. Co.	General supplies.	6 25	
	3649	American Academy of Medicine	Library.	4 50	
	3650	J. B. Lippincott Co.	Library.	3 80	
	3651	Thomas Nelson & Sons.	Library.	5 00	
	3652	Remyne Bros.	General supplies.	24 00	
	3653	Geo. McDonald Drug Co.	Lab. supplies.	12 64	
	3654	Columbian Electric Co.	Repairs.	14 65	
	3655	Normal Co-operative Store.	Library.	9 28	
					\$11,605 96

STATE BOARD OF EDUCATION

151

WESTERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1913 Dec. 31	3656	J. P. Hindbaugh	General supplies	\$3 80	
	3657	J. R. Jones' Sons & Co	General supplies	2 75	
	3658	R. J. Welsh	Furniture	19 25	
	3659	John Van Male & Son	Repairs	18 88	
	3660	Star Paper Co	General supplies	9 65	
	3661	Coleman Drug Co	General supplies	9 23	
	3662	North Lumber & Mfg. Co	General supplies	7 25	
	3663	Narragansett Machine Co	Gym. supplies	7 09	
	3664	Charles E. Butler	Advertising	7 02	
	3665	Dewing & Sons	Grounds	6 00	
	3666	West Disinfecting Co	General supplies	6 00	
	3667	L. C. Smith & Bros. Co	Rent of typew'ter	6 00	
	3668	C. M. Cook	Piano tuning	5 50	
	3669	Mich. State Telephone Co	Telephone	5 24	
	3670	C. H. Barnes Co	Training school	4 75	
	3671	Bausch & Lomb Optical Co	Lab. supplies	3 95	
	3672	Clarage Foundry & Mfg. Co	Manual training	3 39	
	3673	Crescent Engraving Co	General supplies	3 30	
	3674	Calumet Tea & Coffee Co	General supplies	2 65	
	3675	F. W. Russell	General supplies	1 95	
	3676	D'Arcy Spring Co	General supplies	1 50	
	3677	Fischer Music Shop	General supplies	1 50	
	3678	Godfrey Lumber Co	Furniture	1 00	
	3679	State Treasurer	Insurance	112 61	
	3680	J. M. Yount	Grounds	256 38	
	3681	Olivet Post Office	General supplies	23 37	
	3682	Central Scientific Co	Laboratory	191 44	
					\$10,681 27
1914 Jan. 31	3683	Pay roll	Salaries	\$8,313 25	
	3684	Katherine Newton, Secretary	Sundries	81 40	
	3685	American Seating Co	Furniture	260 00	
	3686	Ohio & Michigan Coal Co	Fuel	253 12	
	3687	A. C. McClurg & Co	Library	211 89	
	3688	Commonwealth Power Co	Light and power	182 82	
	3689	Encyclopedia Britannica	Library	166 75	
	3690	Frank C. Teal Co	General supplies	60 28	
	3691	H. B. Colman, P. M	Postage	50 00	
	3692	Martin Larsen	Decorating	47 45	
	3693	Clark Paper Co	General supplies	42 85	
	3694	Handicraft Appliance Co	Domestic art	41 95	
	3695	Commonwealth Power Co	Light and power	40 00	
	3696	Ihling Bros. Everard Co	General supplies	30 60	
	3697	Kalamazoo Telegraph Press	Advertising	28 80	
	3698	Mich. State Telephone Co	Telephone	27 50	
	3699	New York Supply Exchange	General supplies	27 50	
	3700	Horton-Beimer Press	Printing	25 20	
	3701	The Detroit Journal Co	Advertising	23 15	
	3702	North Lumber & Mfg. Co	General supplies	23 00	
	3703	Gilmore Bros	General supplies	22 66	
	3704	Houghton Mifflin Co	Library	22 10	
	3705	Geo. E. Gates	Library	22 05	
	3706	Evening News Association	Advertising	21 75	
	3707	Doubleday-Huber-Dolan Co	Printing, library	20 84	
	3708	Edwards & Chamberlain Hdw. Co	General supplies	18 85	
	3709	M. Doyle	Hauling coal	17 04	
	3710	Geo. McDonald Drug Co	Lab. supplies	15 48	
	3711	John Hastings Truck Co	Freight and Cart	14 21	
	3712	Guy Remyne	Screens	14 04	
	3713	Detroit Free Press	Advertising	11 86	
	3714	Bond Supply Co	Manual training	10 80	
	3715	John Van Male & Son	Repairs	10 00	
	3716	Michigan Agricultural College	Library	8 45	
	3717	The Macmillan Co	Library	8 00	
	3718	Artemas Ward	Library	8 00	
	3719	Star Bargain House	Dom. Sci., art	6 40	
	3720	Miller, Ryder & Winterburn Co	Domestic science	5 70	
	3721	Wheeler-Blaney Co	Plumbing	5 58	
	3722	State Journal	Advertising	5 00	
	3723	Mt. Holyoke College Alumnae Association	Expression Dept.	4 50	
	3724	A. L. Lakey & Co	General supplies	4 35	
	3725	Columbia Electric Co	General supplies	4 23	
	3726	Ward's Nat. Sci. Establishment	Laboratory		

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914					
Jan. 31	3727	Dewing & Sons.....	General supplies...	\$3 55	
	3728	Kalamazoo Railway Sup. Co....	General supplies...	3 25	
	3729	Singer Sewing Machine Co.....	Domestic art.....	3 07	
	3730	L. C. Smith & Bros. Type. Co..	Rent of Typew' ter.	3 00	
	3731	American Express Co.....	Express.....	2 60	
	3732	American Academy of Pol. and Soc. Sci.....	Library.....	2 55	
	3733	Nonotuck Silk Co.....	Lab. supplies.....	1 25	
	3734	Leo Feist, Inc.....	General supplies...	1 25	
	3735	American Library Association..	Library.....	1 00	
Feb. 28	3739	Pay roll.....	Salaries.....	\$7,632 40	\$10,295 72
	3740	Katherine Newton, Secretary..	Sundries.....	119 68	
	3741	Narragansett Machine Co.....	Gymnasium.....	433 59	
	3742	Ernest Leitz.....	Laboratory.....	420 00	
	3743	W. M. Welch Mfg. Co.....	General supplies...	377 50	
	3744	A. C. McClurg & Co.....	Library.....	215 59	
	3745	Board of Education.....	Rent.....	150 00	
	3746	Bausch & Lomb Optical Co.....	Laboratory.....	141 11	
	3747	Ihling Bros. Everard Co.....	Ptg. and Gen. Sup.	69 45	
	3748	Martin Larsen.....	Decorating.....	70 00	
	3749	Commonwealth Power Co.....	Light and power...	69 45	
	3750	George Houston, Water Com....	Water.....	65 10	
	3751	Fischer's Music Shop.....	General supplies...	57 75	
	3752	Kalamazoo Normal Record.....	Advertising.....	57 60	
	3753	John Goldsworthy.....	Art equipment.....	51 35	
	3754	C. J. Newland.....	Grounds.....	50 00	
	3755	L. J. Everett.....	Manual training...	49 00	
	3756	Edwards & Chamberlain Hdw. Co.....	General supplies...	45 15	
	3757	J. R. Jones' Sons & Co.....	General supplies...	44 51	
	3758	Wheeler-Blaney Co.....	Plumbing.....	39 94	
	3759	Hinckley Electric Co.....	Electric work.....	35 00	
	3760	Chas. G. Bard.....	General supplies...	31 44	
	3761	Ernest Hertzberg & Sons.....	Library.....	29 96	
	3762	Romeyn B. Hough.....	Laboratory.....	29 60	
	3763	M. Doyle.....	Hauling coal.....	24 25	
	3764	Mrs. F. E. Donnelly.....	Domestic science..	19 42	
	3765	Houghton Mifflin Co.....	Library.....	18 77	
	3766	The H. W. Wilson Co.....	Library.....	17 70	
	3767	Star Paper Co.....	General supplies...	16 68	
	3768	Clark Paper Co.....	General supplies...	14 48	
	3769	G. Schirmer, Inc.....	Music.....	13 48	
	3770	Columbian Electric Co.....	General supplies...	12 57	
	3771	Horton-Beimer Press.....	Printing.....	10 75	
	3772	John Hastings Truck Co.....	Freight, drayage...	9 95	
	3773	Colman Drug Co.....	General supplies...	9 75	
	3774	North Lumber & Mfg. Co.....	Manual training...	9 68	
	3775	Geo. McDonald Drug Co.....	Lab. supplies.....	8 45	
	3776	Dewing & Sons.....	General supplies...	8 20	
	3777	Mich. State Telephone Co.....	Telephone.....	7 95	
	3778	Grand Rapids Handscrew Co.....	Laboratory.....	7 38	
	3779	Central Scientific Co.....	Laboratory.....	7 00	
	3780	W. E. Geary Art Shop.....	Picture frames.....	6 40	
	3781	Adams-Brander Co.....	Printing.....	6 00	
	3782	Narragansett Machine Co.....	Gymnasium.....	5 83	
	3783	University of Chicago Press.....	Library.....	5 60	
	3784	School Loom Co.....	Domestic art.....	5 54	
	3785	The Mathematics Teachers.....	Library.....	5 00	
	3786	Leary, Stuart & Co.....	Library.....	4 86	
	3787	American Book Co.....	Library.....	4 50	
	3788	Beecher, Kymer & Patterson.....	General supplies...	3 40	
	3789	Montgomery Ward & Co.....	Domestic art.....	3 59	
	3790	American Express Co.....	Express.....	2 95	
	3791	Frank C. Teal Co.....	General supplies...	2 84	
	3792	F. W. Woolworth Co.....	General supplies...	2 55	
	3793	C. H. Barnes & Co.....	Printing.....	2 50	
	3794	Ward's Nat. Sci. Establishment	Laboratory.....	2 32	
	3795	D. C. Heath & Co.....	Library.....	2 16	
	3796	Gilmore Bros.....	Domestic science..	1 96	
	3797	Oliver Ditson Co.....	Music.....	1 89	
	3798	Bond Supply Co.....	General supplies...	1 50	
	3799	John Van Male & Son.....	General supplies...	1 40	
	3800	The Manual Arts Press.....	Library.....	1 40	
	3801	Arthur P. Schmidt.....	Music.....	1 25	

WESTERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914					
Feb. 29	3802	The John C. Winston Co.	Library	\$1 00	\$10,663 49
	3803	Current Literature Pub. Co.	Library	1 00	
	3804	Weston Elect. Instrument Co.	Supplies	59 40	
	3805	D. B. Waldo	Traveling expenses.	18 96	
Mar. 31	3807	Pay roll.	Salaries	\$8,316 55	9,708 27
Mar. 27	3808	Katherine Newton, Secretary ..	Sundries	84 45	
	3809	Commonwealth Power Co.	Light and power ..	159 57	
	3810	Narragansett Machine Co.	Gymnasium	148 56	
	3811	Ohio & Michigan Coal Co.	Fuel	127 15	
	3812	A. C. McClurg & Co.	Library	108 07	
	3813	H. B. Colman, P. M.	Postage	100 00	
	3814	C. H. Stoelting & Co.	Laboratory	72 39	
	3815	Herbert Putnam	Library	50 00	
	3816	W. J. G. Land	Laboratory	50 00	
	3817	E. M. Sergeant	Fuel	49 70	
	3818	C. H. Barnes & Co.	Printing	38 00	
	3819	John Delbert	Grounds	35 00	
	3820	H. W. Foght	Lecture	32 42	
	3821	M. Doyle	Hauling fuel	28 95	
	3822	Ernest Hertzberg & Sons	Library	26 13	
	3823	Scott Paper Co.	General supplies ..	24 75	
	3824	Gilmore Bros.	Advertising	24 00	
	3825	H. R. Pattengill	General supplies ..	20 43	
	3826	Edwards & Chamberlain Hdw. Co.	General supplies ..	18 81	
	3827	Albion Chemical Works	Domestic science ..	18 57	
	3828	Mrs. F. E. Donnelly	Library	15 54	
	3829	The Pilgrim Press	Lecture	15 00	
	3830	Jessie Field	General supplies ..	14 30	
	3831	Clark Paper Co.	General supplies ..	10 00	
	3832	The Prang Co.	General supplies ..	9 15	
	3833	Columbian Electric Co.	General supplies ..	8 00	
	3834	The Superior Ice Co.	General supplies ..	8 00	
	3835	Kalamazoo Railway Sup. Co.	General supplies ..	6 00	
	3836	Horton-Beimer Press	Rent of typew'ter ..	6 00	
	3837	L. C. Smith & Bros. Type. Co.	Plumbing	5 50	
	3838	Wheeler-Blaney Co.	General supplies ..	5 40	
	3839	Fischer Music Shop	Telephone	5 11	
	3840	The Bond Supply Co.	General supplies ..	5 00	
	3841	Mich. State Telephone Co.	Manual training ..	4 50	
	3842	Crane & McGlenen	Library	4 50	
	3843	Chas. G. Bard	General supplies ..	4 00	
	3844	Playground & Recreation Ass'n of America ..	Music	3 43	
	3845	Kalamazoo Soap Co.	Library	3 00	
	3846	Oliver Ditson Co.	General supplies ..	3 00	
	3847	American Ass'n for Labor Leg.	General supplies ..	2 25	
	3848	Star Bargain House	Express	2 13	
	3849	North Lumber & Mfg. Co.	Library	2 13	
	3850	American Express Co.	Library	2 00	
	3851	University of Chicago Press	General supplies ..	2 00	
	3852	F. B. Pratt, Treas.	Library	2 00	
	3853	Ihling Bros. Everard Co.	Library	2 00	
	3854	National Education Ass'n, D. W. Springer, Secretary	Lab. supplies	1 59	
	3855	Codman & Shurtleff, Inc.	General supplies ..	2 25	
	3856	Star Paper Co.	Salaries	\$7,870 45	
April 30	3858	Pay roll.	Sundries	149 51	
April 28	3859	Katherine Newton, Secretary ..	Library	376 27	
	3860	A. C. McClurg & Co.	Gymnasium	316 00	
	3861	Narragansett Machine Co.	Fuel	231 43	
	3862	Ohio & Michigan Coal Co.	Light and power ..	119 21	
	3863	Commonwealth Power Co.	Domestic art	114 40	
	3864	Guy Remyne	Library	79 04	
	3865	Ernest Hertzberg & Sons	Ptg. and Gen. Sup. ..	73 00	
	3866	Horton-Beimer Press	Library	63 00	
	3867	Francis A. Lasher Co.	General supplies ..	57 00	
	3868	Imperial Brush Co.	Lab. supplies	49 50	
	3869	Baush & Lomb Optical Co.	Lab. supplies	49 06	
	3870	Central Scientific Co.	Lum. for furniture ..	47 25	
	3871	Godfrey Lumber Co.	Grounds	43 20	
	3872	C. J. Newland	Repairs, plumbing ..	42 30	
	3873	Wheeler-Blaney Co.			

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For wha. object.	Amount.	Total.
1914 April 28	3874	M. Doyle.....	Hauling fuel.....	\$39 17	
	3875	Geo. McDonald Drug Co.....	Lab. supplies.....	35 00	
	3876	Columbia Refining Co.....	General supplies.....	31 62	
	3877	Mrs. Jennie Strong.....	Lab. supplies.....	30 00	
	3878	Edwards & Chamberlain Hdw. Co.....	General supplies.....	27 94	
	3879	Mich. State Telephone Co.....	Telephone.....	27 70	
	3880	The H. R. Hunting Co.....	Library.....	27 15	
	3881	Grace E. Moore.....	General supplies.....	24 42	
	3882	Clark Paper Co.....	General supplies.....	19 50	
	3883	Gilmore Bros.....	General supplies.....	17 66	
	3884	Jno. Hastings Truck Co.....	Freight and Cart.....	17 32	
	3885	North Lumber & Mfg. Co.....	Lumber for Furn.....	16 28	
	3886	Ihling Bros. Everard Co.....	General supplies.....	13 00	
	3887	D. Graft & Sons.....	General supplies.....	20 35	
	3888	The H. W. Wilson Co.....	Library.....	9 70	
	3889	Kalamazoo Gas Co.....	Lab. supplies.....	9 60	
	3890	J. P. Hindbaugh.....	General supplies.....	9 33	
	3891	Shakespeare Press.....	Printing.....	8 50	
	3892	C. H. Barnes & Co.....	General supplies.....	8 45	
	3893	Mrs. F. E. Donnelly.....	Domestic science.....	7 89	
	3894	Grinnell Bros.....	Cartage.....	7 00	
	3895	Dewing & Sons.....	General supplies.....	5 45	
	3896	Ward's Nat. Sci. Establishment	Laboratory.....	5 30	
	3897	Colman Drug Co.....	Lab. supplies.....	4 25	
	3898	Kalamazoo Soap Co.....	General supplies.....	4 00	
	3899	World Book Co.....	Library.....	3 60	
	3900	American Type Founders Co.....	Training school.....	3 41	
	3901	McDevitt-Wilson Bargain Book Shop.....	Library.....	3 18	
	3902	Jane Stillson.....	Advertising.....	3 00	
	3903	The Star Stoneware Co.....	General supplies.....	3 00	
	3904	Adams-Brander Co.....	Printing.....	3 00	
	3905	American Express Co.....	Express.....	2 85	
	3906	Horace Prentice & Son.....	General supplies.....	2 50	
	3907	Johnson-Howard Co.....	General supplies.....	2 40	
	3908	Crescent Engraving Co.....	General supplies.....	2 20	
	3909	Columbian Electric Co.....	General supplies.....	1 80	
	3910	Sturgis & Walton Co.....	General supplies.....	1 46	
		To correct error in voucher No. 3741.....		01	
					\$10,139 61
May 30	3911	Pay roll.....	Salaries.....	\$8,132 60	
May 26	3912	Ihling Bros. Everard Co.....	Printing.....	306 35	
	3913	Frederick Post Co.....	Manual training.....	81 00	
	3914	Commonwealth Power Co.....	Light and power.....	79 55	
	3915	Geo. Houston, Water Com.....	Water.....	67 69	
	3916	Van Bochove & Sons Mfg. Co.....	Lumber for Furn.....	45 86	
	3917	American-LaFrance Fire Eng. Co.....	General supplies.....	45 00	
	3918	Horton-Beimer Press.....	Printing.....	41 51	
	3919	North Lumber & Mfg. Co.....	Lumber for Furn.....	31 20	
	3920	W. E. Geary.....	General supplies.....	30 00	
	3921	Horace Partridge Co.....	Gymnasium.....	29 40	
	3922	Houghton Mifflin Co.....	Library.....	27 97	
	3923	Jno. Hastings Truck Co.....	Freight and Cart.....	27 87	
	3924	Singer Sewing Machine Co.....	Domestic art.....	26 36	
	3925	Scott Paper Co.....	General supplies.....	26 13	
	3926	Mrs. F. E. Donnelly.....	Domestic science.....	25 53	
	3927	Miner C. Taft.....	Engineer's Draw'g.....	25 00	
	3928	Gilmore Bros.....	General supplies.....	22 05	
	3929	Narragansett Machine Co.....	Gymnasium.....	19 27	
	3930	Horace Partridge Co.....	Athletic supplies.....	16 15	
	3931	Atlas Mills.....	General supplies.....	15 00	
	3932	The Manual Arts Press.....	Library.....	13 72	
	3933	Chicago Distributing Co.....	Library.....	13 50	
	3934	Geo. McDonald Drug Co.....	Lab. supplies.....	12 38	
	3935	Wheeler-Blaney Co.....	Plumbing.....	11 45	
	3936	Crescent Engraving Co.....	General supplies.....	11 40	
	3937	Kalamazoo Laundry Co.....	Laundry.....	8 96	
	3938	Wright & Ditson.....	Gymnasium.....	8 47	
	3939	Charles M. Cook.....	Tuning pianos.....	7 00	
	3940	American Express Co.....	Express.....	6 59	
	3941	John Wanamaker.....	Library.....	6 53	
	3942	Clark Paper Co.....	General supplies.....	6 20	

STATE BOARD OF EDUCATION

155

WESTERN STATE NORMAL SCHOOL.

Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914 May 26	3943	A. E. Wood & Co.	Domestic art.	\$6 08	\$9,662 35
	3944	Forbes Stamp Co.	Training school.	5 50	
	3945	Library Bureau.	Training school.	5 00	
	3946	Mich. State Telephone Co.	Telephone.	4 75	
	3947	Beecher, Kymmer & Patterson.	General supplies.	4 70	
	3948	C. H. Stoelting Co.	Lab. supplies.	4 05	
	3949	J. R. Jones' Sons & Co.	Domestic art.	3 65	
	3950	University of Chicago Press.	Library.	3 37	
	3951	W. S. Wood.	General supplies.	3 28	
	3952	Ward's Nat. Sci. Establishment.	Lab. supplies.	3 17	
	3953	Teachers College.	Library.	3 15	
	3954	Kalamazoo Railway Sup. Co.	General supplies.	3 00	
	3955	Leo Feist, Inc.	Music.	2 75	
	3956	Columbian Electric Co.	Electrical Sup.	2 60	
	3957	American Type Founders Co.	Training school.	2 40	
	3958	Fred Medart Mfg. Co.	General supplies.	2 40	
	3959	R. Atkinson.	Library.	2 00	
	3960	The Boston Book Co.	Library.	2 00	
	3961	Said and Done.	Library.	2 00	
	3962	Psychological Review Co.	Library.	1 70	
	3963	The Colman Drug Co.	Lab. supplies.	1 70	
	3964	Godfrey Lumber Co.	Manual training.	1 40	
	3965	Star Paper Co.	General supplies.	1 13	
	3966	W. Heffer & Sons, Ltd.	Library.	47 12	
	3967	A. C. McClurg & Co.	Library.	250 10	
	3968	Olivet Post Office.	Postage.	65 66	
June 30	3970	Pay roll.	Salaries.	\$8,110 45	
	3971	Katherine Newton, Secretary.	Sundries.	115 92	
	3972	A. C. McClurg & Co.	Library.	195 54	
	3973	Edwards & Chamberlain Hdw. Co.	General supplies.	115 43	
	3974	Francis A. Lasher Co.	Library.	116 00	
	3975	Commonwealth Power Co.	Light and power.	80 60	
	3976	L. C. Smith & Bros. Type Co.	General supplies.	80 00	
	3977	North Lumber & Mfg. Co.	Lumber for Furn.	67 98	
	3978	The Boston Book Co.	Library.	66 59	
	3979	Albion W. Small.	Com. address.	62 00	
	3980	Horton-Beimer Press.	Printing.	59 25	
	3981	Ihling Bros. Everard Co.	General supplies.	55 25	
	3982	Central Scientific Co.	Lab. supplies.	52 83	
	3983	Geo. E. Gates.	Library.	49 70	
	3984	Mrs. F. E. Donnelly.	Domestic science.	27 72	
	3985	Evening Press Co.	Advertising.	25 00	
	3986	Gilmore Bros.	General supplies.	24 80	
	3987	John Van Male & Son.	Repairs.	23 63	
	3988	Van Bochove & Sons Mfg. Co.	Lumber for Furn.	23 00	
	3989	Albion Chemical Works.	General supplies.	20 78	
	3990	M. Doyle.	Grounds.	20 25	
	3991	Geo. McDonald Drug Co.	Lab. supplies.	18 44	
	3992	Colman Drug Co.	Lab. supplies.	15 75	
	3993	Detroit Free Press.	Advertising.	15 21	
	3994	C. E. Chadsey.	Traveling.	13 73	
	3995	Orr' Lockett Hdwe. Co.	General supplies.	12 30	
	3996	Adams-Brander Co.	Printing.	12 00	
	3997	Clark Paper Co.	General supplies.	11 47	
	3998	Mich. State Telephone Co.	Telephone.	8 20	
	3999	The Paean.	Advertising.	7 00	
	4000	Star Paper Co.	General supplies.	6 00	
	4001	J. P. Hindbaugh.	Domestic Science.	5 65	
	4002	Lusky, White & Coolidge.	Manual training.	7 87	
	4003	Houghton Mifflin Co.	Library.	8 68	
	4004	Leonard-Hobart Co.	General supplies.	6 01	
	4005	The Superior Ice Co.	Domestic Science.	4 75	
	4006	Kalamazoo Railway Sup. Co.	General supplies.	4 75	
	4007	The Macmillan Co.	Library.	4 28	
	4008	Wheeler-Blaney Co.	Plumbing.	4 10	
	4009	Narragansett Machine Co.	Gymnasium.	2 24	

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

Exhibit D.—Concluded.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Total.
1914 June 30	4010	Star Bargain House.....	General supplies.....	\$2 12	
	4011	Ira J. Arehart.....	Advertising.....	2 00	
	4012	Longmans, Green & Co.....	Library.....	1 85	
	4013	Flacher's Music Shop.....	Music.....	1 50	
	4014	Grinnell Bros.....	Music.....	1 25	
	4015	Beecher, Kymmer & Patterson.....	General supplies.....	1 00	
	4016	Katherine Newton, Secretary.....	Sundries.....	68 50	
	4017	Edwards & Chamberlain Hdw. Co.....	General supplies.....	20 10	
	4018	W. H. Maybee.....	Traveling expenses.....	13 68	
					\$9,673 15
Total expenditures from present year funds.....					\$119,653 31
Total disbursements:					
From former year.....					\$414 60
From present year.....					119,653 31
Balance on hand to current year fund.....					2,738 48
Balancing receipts for the year.....					\$122,806 39

WESTERN STATE NORMAL SCHOOL.

EXHIBIT E.

Salary account, Cr., for fiscal year ending June 30, 1913.

Date.	No. of voucher.	Payroll.	Amount.	Total.
1912.				
July 31	2940	July.....	\$8,152 56	
Aug. 31	2953	August.....	7,309 37	
Sept. 30	2961	September.....	6,533 00	
Oct. 31	3007	October.....	6,947 25	
Nov. 30	3064	November.....	6,680 00	
Dec. 31	3109	December.....	6,828 25	
1913.				
Jan. 31	3145	January.....	7,027 25	
Feb. 28	3173	February.....	6,423 05	
Mar. 31	3215	March.....	6,999 50	
April 30	3256	April.....	6,741 20	
May 31	3295	May.....	7,250 10	
June 30	3337	June.....	6,899 70	
Total for the year.....				\$83,791 23

WESTERN STATE NORMAL SCHOOL.

*Exhibit E.—Concluded.**Salary account, Cr., for fiscal year ending June 30, 1914.*

Date.	No. of voucher.	Payroll.	Amount.	Total.
1913.				
July 28	3406	July	\$9,003 71	
Aug. 30	3430	August	7,601 23	
Sept. 30	3462	September	6,906 00	
Oct. 31	3496	October	7,827 65	
Nov. 29	3553	November	7,805 70	
Dec. 31	3618	December	8,133 65	
1914.				
Jan. 31	3683	January	8,313 25	
Feb. 28	3739	February	7,632 40	
Mar. 31	3807	March	8,316 55	
April 30	3858	April	7,870 45	
May 30	3911	May	8,132 60	
June 30	3970	June	8,110 45	
Total for the year				\$95,653 64

WESTERN STATE NORMAL SCHOOL.

EXHIBIT F.

ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of receipt.	Of whom received.	Amount.	Total.
1912.		Ground for athletic field:		
July 1		Balance on hand	\$5,000 00	
1913.		Installing lockers:		
July 1		Balance on hand	165 83	
1913.		Decorating interior of buildings:		
Oct. 18	286	State Treasurer	500 00	
1914.		Manual training building:		
Jan. 20	297	State Treasurer	3,000 00	
1914.		Science building:		
June 27	307	State Treasurer	25,000 00	
Total receipts for two years				\$33,665 83

STATE OF MICHIGAN

WESTERN STATE NORMAL SCHOOL.

Exhibit F.—Continued.

SUMMARY.

	Amount.	Total.
Disbursements:		
Improvement of grounds.....	\$165 83	
Ground for athletic field.....	5,000 00	
Decorating interior of buildings.....	500 00	
Manual training building.....	2,822 21	
Science building.....	5,892 75	\$14,380 79
Balances:		
Manual training building.....	\$177 79	
Science building.....	19,107 25	19,285 04
Balancing receipts for the year.....		\$33,665 83

WESTERN STATE NORMAL SCHOOL.

Exhibit F.—Concluded.

Date.	No. of voucher.	Payee.	Amount.	Total.
1913.		Improvement of grounds:		
Jan. 25	3172	C. J. Newland.....	\$165 83	\$165 83
Aug. 30	3461	Ground for athletic field:		
		I. Nat Wattles.....	\$5,000 00	\$5,000 00
Oct. 31	3547	Decorating interior of buildings:		
		Martin Larsen.....	\$500 00	\$500 00
1914.		Manual training building:		
Jan. 31	3736	South Bend Machine Tool Co.....	\$1,273 06	
	3737	Fairbanks, Morse & Co.....	481 40	
	3738	Marshall & Hyschart Machinery Co.....	921 00	\$2,675 46
Feb. 28	3806	Armstrong Bros. Tool Co.....	\$28 20	28 20
Mar. 27	3857	Jas. Clark Electric Co.....	\$96 50	96 50
May 26	3969	Orr & Lockett Hardware Co.....	\$22 05	22 05
		Total.....		\$2,822 21
1914.		Science building:		
June 27	4019	Henry L. Vander Horst.....	\$2,175 75	
	4020	Henry L. Vander Horst.....	3,717 00	\$5,892 75
		Total disbursements.....		\$14,380 79

JAN 5 - 1916

